

GRAIN DEALERS' JOURNAL

Published on the 10th and 25th of each month by the Grain Dealers Company.

Vol. VI. No. 7.

CHICAGO, ILL., APRIL 10, 1901.

FIVE CENTS PER COPY.
ONE DOLLAR PER YEAR.

E. R. ULRICH & SONS
SHIPPERS OF CHOICEST
MILLING CORN, WHITE AND YELLOW
MIXED AND WHITE OATS
(NO WHEAT.) **SPRINGFIELD, ILL.**
Elevators along the lines of the following
railroads in Central Illinois: Wabash, C. & A.,
I. C., C. P. & St. L., and Pawnee R. R.

W. H. SMALL & Co.
RECEIVERS AND SHIPPERS
GRAIN, SEEDS AND HAY,
Office, 7 and 9 Upper 1st Street,
EVANSVILLE, IND.
Warehouses, Belt R.R., cor. Penna. & Bellevue Sts.

KENTLAND, IND.
MCCRAY & MORRISON,
SHIPPERS **CLIPPED AND**
.....OF **CORN, NATURAL OATS**
Our Special Brand of White Oats
is a favorite wherever tried.
Grain Warehouses at Kentland, Beaver City, Earl
Park, Morocco, Remington, Ind., and Effner, Ill.

The William Hopps Hay & Grain Co.
Buyers, Receivers and Shippers
GRAIN, HAY AND FEED STUFFS.
Advances made on consignments. Hay and
Ear Corn Wanted.
SPEARS WHARF, BALTIMORE, MD.

EDWARD P. MERRILL,
Grain Broker,
PORTLAND, ME.

DANIEL McCAFFREY'S SONS,
Leading Hay Dealers,
PITTSBURG, PA.
Estab. 1867. Reference, Duquesne Nat'l Bank
CONSIGNMENTS SOLICITED.

THE ILLINOIS SEED CO.
Clover, Timothy and all Field Seeds. We buy
and sell. Can fill all orders promptly.
Long distance phone; Canal 341.
236-242 Johnson St., Chicago.

L. Bartlett. B. G. Ellsworth
O. Z. Bartlett. J. L. Dolan
L. BARTLETT & SON,
Grain Commission Merchants,
Rooms 23 & 24, Chamber of Commerce Bldg.
Branch Houses:
CHICAGO, MINNEAPOLIS. **MILWAUKEE.**

E. A. GRUBBS GRAIN COMPANY
GREENVILLE, OHIO.
GRAIN AND HAY SPECIALTIES:
Car Lots only. **Milling Wheat & Yellow Corn**
REFERENCE—By permission: Farmers'
National Bank; Second National Bank;
Commercial Agencies.

DANIEL P. BYRNE & CO
SUCCESSORS TO
Redmond Cleary Com. Co.
Established 1854. Incorporated 1887.
Grain, Hay and Seeds,
Chamber of Commerce, ST. LOUIS, MO.

C. A. BURKS & CO.,
GRAIN AND MILLFEED.
Will Buy on Track or Handle on Consignment.
Chamber of Commerce, Library Block,
Detroit, Mich. Decatur, Ill.

R. S. McCAGUE
COMMISSION MERCHANT AND WHOLESALE DEALER IN
GRAIN, HAY AND MILL FEED,
PITTSBURG, PA.

J. ROSENBAUM GRAIN COMPANY

RECEIVERS and SHIPPERS

GRAIN, SEEDS AND PROVISIONS

Bought and Sold for Future Delivery.

Hoxie Building,
FT. WORTH, TEXAS.

CORRESPONDENCE SOLICITED.

Rialto Building,
CHICAGO, ILL.

**Conveying, Elevating and
Power Transmitting Machinery.**

Our new catalog No. 26 (440 pages, cloth bound),
will be sent upon request.



A COMPLETE Line of the BEST.
H. W. CALDWELL & SON CO.
Western Ave., 17th-18th Sts.
CHICAGO, ILL.

The GRAIN DEALERS JOURNAL.

REGULAR GRAIN RECEIVERS OF TOLEDO.

E. L. Southworth. **SOUTHWORTH & CO.**
G. B. McCabe.
W. H. Bergin. TOLEDO, OHIO.

Grain and Seeds.

Track bids offered to all regular dealers. We exclude "Scoop Shovelers."
Consignments Solicited.

J. F. ZAHM F. W. JAEGER FRED MAYER
J. F. ZAHM & CO.
GRAIN and SEEDS TOLEDO, O.

We make a specialty of handling consignments. Transient buyers and farmers need not write us.

MEMBERS: ESTABLISHED 1879
Toledo Produce Exchange, Chicago Board of Trade, New York Produce Exchange.

Be Friendly. Estab. 1846 Write Occasionally.

C. A. KING & CO.

TOLEDO, OHIO.

Grain and Clover Seed, spot and futures.

Special Market and Crop Reports Free.

MEMBERS: Toledo Produce Exchange.
Chicago Board of Trade.

F. W. Rundell. Established 1877. J. E. Rundell.

W. A. RUNDELL & CO.
Grain and Seed Merchants.

We buy, delivered Toledo or f. o. b. your station. Personal attention to consignments and trades in "futures." Daily market letter free.

Correspondence solicited.
Room 33, Produce Exchange, Toledo, Ohio.

S. C. REYNOLDS. O. L. REYNOLDS. F. J. REYNOLDS.

REYNOLDS BROS.

GRAIN

24, 25 & 26 Produce Exchange, TOLEDO, O.

Offer us your grain; consign it, or **ASK FOR BIDS.**

EAST SIDE MILLING CO.

TOLEDO, OHIO.

Buyers of Salvage Grain

Also all grades of off-grade Grain of all kinds, Screenings and low-grade Flour. Send samples and ask for bids.

REGULAR GRAIN RECEIVERS OF BUFFALO.

DUDLEY M. IRWIN

BARLEY

BOARD OF TRADE BUILDING

BUFFALO, N. Y.

Attention!

Winter Wheat Millers: We have some fancy No. 2 Red, No. 1 White and Mixed Red and White Winter Wheat.

WATKINS & ANDERSON,

82 Board of Trade, BUFFALO, N. Y.

DAMAGED GRAIN WANTED.

I buy damaged grain of all kinds. Write or wire me.

WM. B. GALLAGHER,

72 Pearl Street, Buffalo, N. Y.

REGULAR GRAIN RECEIVERS OF MINNEAPOLIS.

GRAIN...

Make advances on bills lading.

The Van Dusen-Harrington Co.
COMMISSION,

MINNEAPOLIS and DULUTH.

Sell by sample and make prompt returns.

E. A. BROWN & CO.

GRAIN COMMISSION

Choice Seed Oats for sale. Write for samples.

MINNEAPOLIS, MINN.

The SPEAR Sample Envelope

is the best for mailing samples because it is easy to fill, is free from objectionable metal fasteners, strings, tape or buttons, does not leak or break and can be quickly fastened. Send for samples to

HEYWOOD MFG. CO.

MINNEAPOLIS, MINN.

REGULAR GRAIN RECEIVERS OF MEMPHIS.

John Wade & Sons,
GRAIN BUYERS AND DEALERS

Members Merchants' Exchange.

MEMPHIS, TENN.

MEMBERS MERCHANTS EXCHANGE.

S. T. PEASE & CO.

GRAIN BROKERS

282 Front Street, MEMPHIS, TENN.

Reference: Security Bank, and any wholesale dealer in Memphis.

Remember the name....

GRAIN DEALERS JOURNAL

Advertise
...in it

Subscribe for it

PHILADELPHIA.

CAIRO.

BATTLE CREEK

L. F. MILLER & SONS,

Receivers and Shippers of

Grain, Feed, Seeds, Hay, etc.

CONSIGNMENTS SOLICITED.

Office, 2933 N. Broad St., PHILADELPHIA, PA.

Elevator and Warehouse,

Germantown Jct., P. R. R.

H. L. Halliday Milling Co.,
WHEAT, CORN AND OATS

CAIRO, ILL.

Elevator Capacity 500,000 Bushels.

McLANE, SWIFT & CO.

Successors to G. L. McLane & Co.

Buyers of Wheat, Corn, Natural and Clipped Oats, Choice Rye.

Write for bids—your track.

Grain Elevators on Grand Trunk Railway.
BATTLE CREEK, MICH.

Robinson's Telegraphic Cipher

Saves 80% of Your Telegraph Bill.

IN GENERAL USE BY MILLERS, GRAIN AND PROVISION DEALERS, ETC.

Revised edition now ready, containing fifteen additional pages, including Quotations, Railroads, Grades of Grain, Mill Feed, Hay, phrases to meet the present demands of the trade; Bids, Acceptances, Billing, Shipping Instructions, etc.

Price unchanged. Leather and Gilt, \$2.00; Cloth Binding; \$1.50.

S. L. ROBINSON, RIALTO BLDG., CHICAGO.

KANSAS CITY.

International Grain Co.,

Board of Trade, KANSAS CITY, MO.

Solicit consignments and orders for the Kansas City market. Satisfaction guaranteed.

SEEDS

MILLET, CANE,
CLOVERS,
TIMOTHY,
GRASS SEEDS.

J. G. Peppard

1400-2 Union Ave.,
KANSAS CITY, MO.

REGULAR GRAIN RECEIVERS OF CHICAGO.

IF YOU APPRECIATE

Honest Work, Good Treatment
and Prompt Returns, Consign
Your Grain to

CALUMET GRAIN AND ELEVATOR COMPANY
CHICAGO.

Arthur Sawers in charge of receiving business.

ROSENBAUM BROS.

Receivers and Shippers.

Correspondence Solicited.

Room 77 Board of Trade Building,
CHICAGO, ILL.

Established 1865.

L. EVERINGHAM & Co.,

COMMISSION - MERCHANTS.

Specialties:—Grain and Seeds of all kinds by
sample upon their merits.

Consignments solicited; correspondence invited.

SUITE 80 BOARD OF TRADE, CHICAGO, ILL.

MILMINE, BODMAN & CO.

GRAIN DEALERS

Receivers, Shippers and Exporters,
Also Stock and Bond Brokers.

5 & 7 BOARD OF TRADE, CHICAGO.
New York Office, 401 Produce Exchange.

JAMES P. SMITH & CO.

Grain Merchants,

417-418 Rialto Building, CHICAGO.

CONSIGNMENTS SOLICITED.

Henry Hemmelgarn.

Philip H. Schiffin.

H. HEMMELGARN & CO.

COMMISSION MERCHANTS.

Grain, Seeds and Provisions.

Rooms, 317, 318, 319 Rialto Bldg., CHICAGO.

Consignments solicited. Correspondence invited.

ST. LOUIS. MINNEAPOLIS. MILWAUKEE.

W. R. MUMFORD CO.

COMMISSION MERCHANTS,

528-532 Rialto Building, CHICAGO.

Consignments of, and future orders solicited
in grain, seeds, mill products and hay.

Selling by sample and to arrive, a specialty.

Bartlett, Frazier & Co.

GRAIN

Western Union Bldg., Chicago.

Don't Doubt That a strong,
energetic, suc-
cessful correspondent at Chicago can do
much to promote the success of your grain
business. We believe it, we know it! Can
we demonstrate it to you?

POPE & ECKHARDT CO.

317-321 Western Union Building, CHICAGO.

ARMOUR GRAIN CO.

GRAIN BUYERS
DEALERS

205 LA SALLE ST., CHICAGO.

W. F. JOHNSON

GEO. A. WEGENER

W. F. JOHNSON & CO.

GRAIN, SEED AND PROVISION

COMMISSION MERCHANTS

59 Board of Trade, Chicago.

Branch offices: Minneapolis, St. Louis, Milwaukee.

This space belongs to

Van Ness & Wilson

the new grain commission firm com-
posed of G. B. Van Ness and
L. B. Wilson.

500 Royal Insurance Bldg., Chicago.

ALEX RODGERS

Seed Merchant

Clovers, Timothy, Grass Seed, Buckwheat,
Peas, Flax, Seed Corn, Etc.

OFFICE AND WAREHOUSE
220-230 JOHNSON ST., CHICAGO, ILL.

H. A. DREISKE,

G. R. HINNERS.

DREISKE & HINNERS,

COMMISSION MERCHANTS,

DEALERS IN GRAIN AND HAY,

Elston Avenue and Blackhawk St., CHICAGO.

Telephone West 386.

W. H. MERRITT & CO.

Grain Buyers & Shippers

CORRESPONDENCE SOLICITED.

234 La Salle St., CHICAGO, ILL.

Jno. S. Carpenter, Pres. M. R. Montague, Vice-Pres.
H. A. Leland, Sec'y and Treas.

MONTAGUE & COMPANY,

Successors to Montague, Barrett & Co.

COMMISSION MERCHANTS,

Flour, Grain, Millstuffs, Consignments and Options.
6 and 8 Sherman St. CHICAGO, ILL.

Established 1871. Correspondence solicited.

MILWAUKEE, MINNEAPOLIS, ST. LOUIS, PEORIA.

Geo. H. Phillips Co.

COMMISSION MERCHANTS

GRAIN, PROVISIONS, HAY AND SEEDS.

Best service, prompt attention and close
watch of our customers interests, our motto.
Write for daily market letter.

E. W. WAGNER ...

Receiver and
Shipper of...

GRAIN

707-8-9 Rialto Bldg., Chicago.

L. H. MANSON & Co.,

Grain and Provision Merchants,

74 BOARD OF TRADE, CHICAGO.

Members Chicago Board of Trade.

Reference: Bank of Montreal, Chicago

C. H. MATTHIESSEN, President.

S. T. BUTLER, Vice President.

CHAS. L. GLASS, Treas. and Secy.

The Glucose Sugar Refining Company,

General Offices,
The Rookery,

CHICAGO, ILL.

FACTORIES:

CHICAGO
PEORIA
ROCKFORD

} ILL.

MARSHALLTOWN } IA.
DAVENPORT

The world's largest consumers of Corn. Daily consumption,
100,000 bushels. We are always in the market for corn,
and confine our bids to regular grain dealers. Write or wire
us when you wish to sell.

JOS. P. GRIFFIN, Mgr. Grain Dept.



J. S. SIMPSON & CO.

Grain, Seeds and Provisions.

Consignments Solicited.

Write us for Daily Market Reports.

14-16 Pacific Ave.

Chicago.

OFFICES TO RENT

IN THE

Traders Safe and Trust Building

6-12 PACIFIC AVE. OPPOSITE BOARD OF TRADE.

HEADQUARTERS FOR GRAIN AND ELEVATOR
MEN, BROKERS, AND MANUFACTURERS' AGENTS.

ONE CHOICE CORNER OFFICE—GROUND FLOOR.

Shippers' Record Book No. 20

is designed to facilitate the book-keeping of grain shippers, and to minimize the labor of keeping a complete record of each car shipped. The book is 9 $\frac{3}{4}$ x 12 inches and contains 100 double pages of superior paper. It is well bound, ruled in two colors, and the column headings clearly printed. Spaces are provided for records of 2,900 car loads.

At top of left hand page, in bold faced type, are the words, "IN ACCOUNT WITH," and at top of facing page is dotted line for name of firm to whom grain is sold. The column headings on the facing pages are: Date of Sale, Date of Shipment, Car No., Initials, Amount Sold, Kind of Grain, Weight, Price, Draft, Remarks, Date Returned, Weight Returned, Overdrawn, Net Proceeds, and Balance.

Wide columns are provided for recording these facts under the respective heads. Price, \$1.75. Express Prepaid, Address

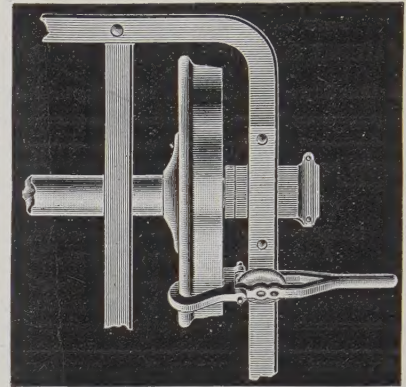
GRAIN DEALERS COMPANY, 10 PACIFIC AVE., CHICAGO, ILL.

If You Want to Reach

The Grain Dealers of the Country
Advertise in the Grain Dealers Journal.

Special Car Mover

Pat. Apr. 2, 1901.



Moves train of cars on good level track. Hook grips face of wheel and 3,000 to 4,000 lbs. is applied in the direct course of the revolution of the wheel. It moves a car with less power and greater speed than any other mover on the market. Price \$5. f. o. b. Sac City, and shipped C. O. D. subject to trial and acceptance.

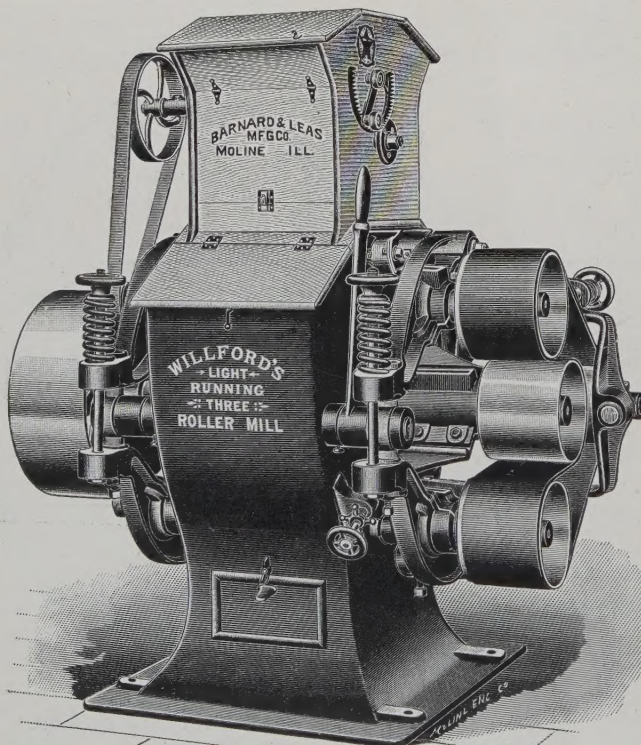
The Conveyor Car Loader

has advantages over other loaders.

The Incline Elevator and Dump

and storage system is the best and cheapest ear corn and small grain storage. Grain Dealers, Farmers and Feeder Plants solve the problem of cribbing ear corn, etc., without shoveling. A grain dealer's elevator having 100,000 bushels capacity can be built for \$3,500. Write for full particulars.

H. Kurtz & Son,
Sac City, Iowa.

A PROFITABLE
INVESTMENT

"IT PAYS TO GET THE BEST."

Willford's Three Roller Feed Mill

Proves the truth of this statement. It takes so little power; it requires so little attention; it does such perfect work; it is so strong and durable, and needs so few repairs that Feed Mills and Elevators will save power, time and money by buying one. Remember also, that we make the best and most complete line of : : : :

Corn-Shellers and Cleaners and Separators

On the market.

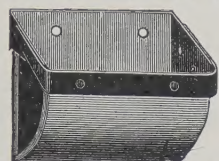
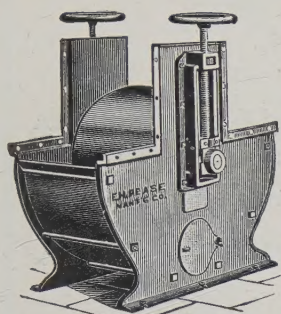
ALL INQUIRIES CHEERFULLY ANSWERED
AND CIRCULARS SENT UPON REQUEST

BARNARD & LEAS MFG. CO.

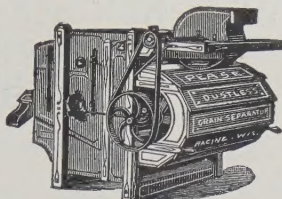
MILL BUILDERS and MILL FURNISHERS
MOLINE, ILLINOIS.

Write **MARSEILLES MFG. CO., Marseilles, Ill.** For Catalog and Prices of . . .

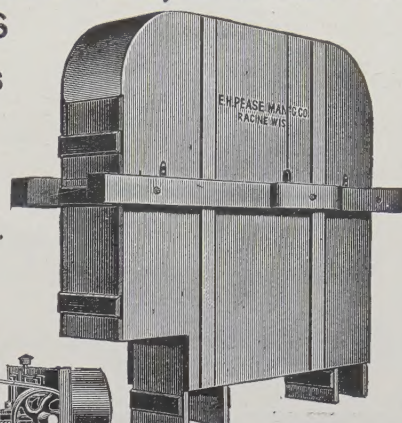
ELEVATOR MACHINERY AND SUPPLIES



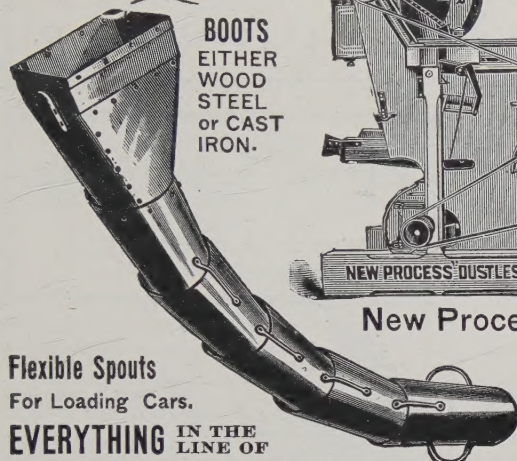
ELEVATOR CUPS OF ALL SIZES AND KINDS.



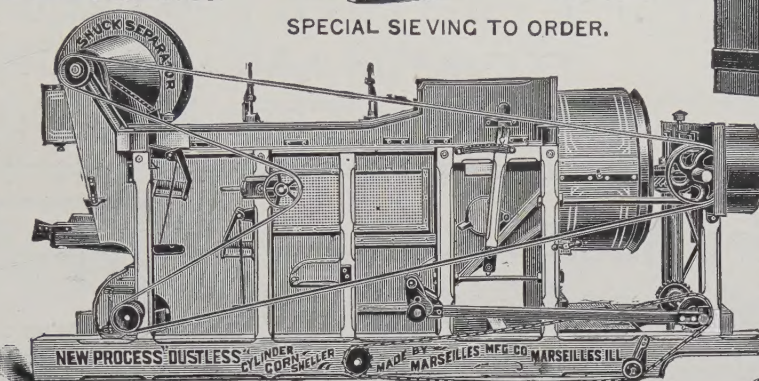
Fanning Mills AND Warehouse Cleaners of Every Description.



SPECIAL SIEVING TO ORDER.



BOOTS EITHER WOOD STEEL or CAST IRON.



New Process Corn Shellers and Cleaners.

Heads, Distributing Spouts, Indicators

Flexible Spouts For Loading Cars.

EVERYTHING IN THE LINE OF

STEAM ENGINES
BOILERS AND PUMPS
GASOLINE ENGINES
HORSE POWERS

SHAFTING
WOOD PULLEYS
IRON PULLEYS
HANGERS

FURNISHED EITHER AS

Combined or Separate Machines Also with or without HUSK SEPARATING ATTACHMENT.

Motive Power and Power Transmitting Appliances, Including,

PILLOW BLOCKS
SET COLLARS
SPROCKET WHEELS
FRICTION CLUTCHES

JAW CLUTCHES
COUPLINGS
GEARING
TIGHTENERS

BELTING

CHAIN
RUBBER
COTTON
LEATHER



"WESTERN" WAREHOUSE SHELLER.

UNION IRON WORKS

DECATUR, ILL.

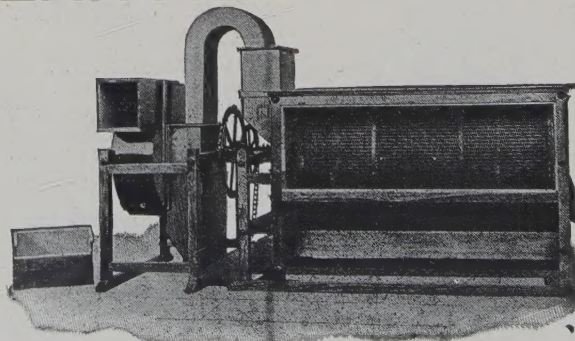
Sole Manufacturers

**"WESTERN" SHELLERS AND CLEANERS
...BEST ON EARTH...**

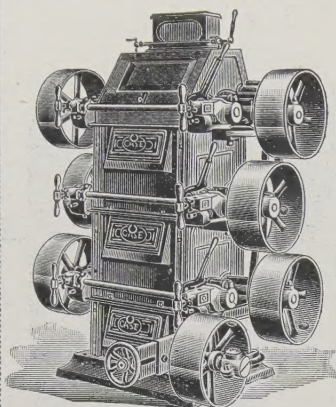
**Grain Elevators
...and Elevator Machinery
....A Specialty....**

PLANS MADE ON APPLICATION
BY LICENSED ARCHITECT.

Write For Catalog.



"WESTERN" WAREHOUSE CLEANER.

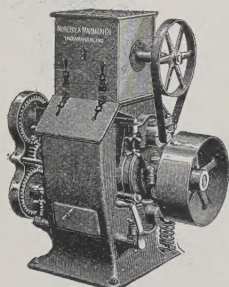


Simple in Construction.
Durable and finely finished.
Wide Roll bearings.
Positive adjustments.
Rolls easily removed from frame.
Perfect automatic feed.

Are a few of the good points embodied in the construction of our

Three Pair High Feed and Meal Mill. ELEVATOR AND MILL SUPPLIES.

Write for Prices. The Case Mfg. Co., COLUMBUS, O.



3 ROLL, 2 BREAK MILL.

Feed Mills Roller and French Buhr.

For Durability, Simplicity, Large Capacity, Uniform Grinding and Light Running, our Mills are Unexcelled.

WE
MAKE

THREE ROLL-TWO BREAK MILLS—2 sizes,
THREE PAIR HIGH-6 ROLLER MILLS—4 sizes,
TWO PAIR HIGH-4 ROLLER MILLS—5 sizes,
And 85 Sizes and Styles of BUHR STONE MILLS.

Send for Catalog and Prices.

NORDYKE & MARMON CO.,
FLOUR MILL BUILDERS. ESTAB. 1851. 37 Day St., INDIANAPOLIS, IND.

NEW PATENT FEED GRINDER

Special Introductory Prices.

Sundries Mfg. Co.
SOUTH BEND, IND.



GRINDING MILLS.

Before purchasing a mill for grinding feed or meal, or anything that can be ground on a mill, write us for catalog and discounts. Guaranteed and shipped on trial.

Manufacturers of French Burr Mills, Corn Shellers, Crushers, and full line of Flour Mill Machinery.

SPROUT, WALDRON & CO., Drawer H, MUNCY, PA.

Weevil Killed

All insects infesting grain or grain elevators can be killed by using

"FUMA" BISULFIDE OF CARBON

which is prepared especially for ridding grain elevators and mills of these pests.

If you don't want your grain graded "Rejected" on account of weevil, write for relief to

EDWARD R. TAYLOR,
Manufacturing Chemist, Penn Yan, N.Y.



EASY TO HANDLE Willford's Light-running Three-roller Mills

Are not only easy to handle, but grind the most feed for power consumed of any feed grinder made. Send for circulars and prices.

Willford Manufacturing Co., 303 So. Third St., MINNEAPOLIS, MINN.

Northway's 4 and 6 Roll Corn and Feed Mill

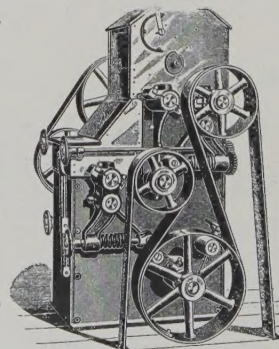
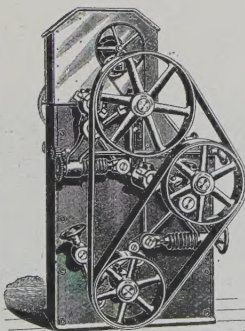
GUARANTEED
LARGEST CAPACITY
FOR POWER
CONSUMED....

Wide Bearings.
Splendid Belt Contact.
Simple and Convenient Adjustments
Can be driven on either side from a shaft running in either direction.
Sent on 30 days trial to responsible parties.

Strong & Northway Mfg. Co.,
251 and 253 Third Ave., So.,
MINNEAPOLIS, MINN.

Northwestern agents for the Hyatt Roller Bearings. Write us, we can interest you.

PLEASE MENTION THIS PAPER.



GRAIN TABLES FOR CAR LOADS

Clark's Grain Tables for Car Loads, so extensively used for reducing pounds to bushels have been extended to cover the largest car loads. The book now contains 28 pages of tables as follows:

OATS (32 lbs.) six tables, 20,000 to 86,000 lbs.
CORN (56 lbs.) eight tables, 20,000 to 108,000 lbs.
WHEAT (60 lbs.) eight tables, 20,000 to 108,000.
BARLEY (48 lbs.) six tables, 20,000 to 86,000 lbs.

The number of bushels in any weight of grain, within the numbers specified above are given in bold-faced type. The tables are printed in two colors on good paper. By their use all reductions are avoided and errors are prevented.

PRICE, \$1.50. Address.

GRAIN DEALERS COMPANY,
10 Pacific Ave., Chicago, Ill.

A Timely Tip



The "Eureka" Seed Separator for cleaning and separating Canary, Mustard, Hemp, Flax, Clover and Timothy Seeds, etc. This machine we guarantee. It requires no bracing, has less shrinkage, perfect air and sieve separations, large screen surface, in fact it is a perfect machine.

The S. Howes Co.

Manufacturers of "Eureka" Grain Cleaners, Oat Clippers, Magnetic Separators, Flour, Feed and Bran Packers.

Eureka Works,

Est. 1856.

Silver Creek, N. Y.

BOOKKEEPING

IS MADE EASY FOR THE GRAIN
DEALER BY THE USE OF

CLARK'S DECIMAL GRAIN VALUES

No reductions to bushels necessary. The number of pounds and the price per bushel being given, the value of the grain is shown by the tables. Errors are prevented, losses avoided and much time saved.

The tables are conveniently arranged and printed from large type in two colors. The value of any number of pounds at any possible price per bushel is shown.

Write for specimen page to

GRAIN DEALERS COMPANY,

10 PACIFIC AVENUE

CHICAGO, ILL.

Freight Tables...

Showing the rate per bushel, when the rate per 100 lbs. is 3 to 50% cts. The only tables published which reduce even and half cent rates per hundred weight to the correct amount of freight per bushel.

This table is printed in two colors on white bristol board, from heavy faced type. The red figures denote the rate per hundred and the black figures the freight per bushel, at the rates specified. The tables are used for wheat at 60 pounds, corn 56 pounds, barley 48 pounds and oats 32 pounds, at any cent or half-cent rate, 3 to 50% cents.

Price 15c. per copy. Two copies for 25c.
Or ten for \$1.00.

GRAIN DEALERS COMPANY,
10 Pacific Avenue, Chicago, Ill.

Clark's Grain Book

Is a Record and Memorandum Book
for the use of Country Dealers.

It is 9½ x 12 inches, contains 400 pages of heavy manilla paper, bound with board covers, leather back and corners. Each page is ruled into 12 uniform sized squares. Each square is used to keep a record of each load of grain, there being room enough to write the farmers name, kind of grain, gross, tare and net weights and to figure how much it comes to at the ruling market price.

Price \$1.50.

For Sale by

Grain Dealers Company,
10 Pacific Avenue, Chicago, Ill.

THE HESS SYSTEM OF GRAIN DRYING.

FOR ELEVATORS.

Dries and cools tough grain to merchantable condition at a cost of \$1.00 per car, or less.

FOR OATMEAL MILLS.

Dries with fire or steam, will dry oats to milling condition with fire in thirty minutes. No contact with hot metal; popping impossible. Stirring done by gravity, without use of power. Any flavor desired is obtained with this drier.

FOR WASHED WHEAT.

Dries in continuous flow; the grain constantly in motion, by gravity, and dried to absolute uniformity.

FOR RICE, COTTON SEED,

and any other grain and seed, or any granular substance, it is the quickest and cheapest method in use.

THE HESS DRIER uses less power than any other. It is fireproof, and is the only drier for elevators approved by underwriters, and permitted by them without extra charge. The only machine in successful use in the large terminal elevators of Chicago, Cleveland, Duluth and other grain centers.

All sizes. Write for 1901 catalog. Just out.

Hess Warming and Ventilating Co.,
707 Tacoma Building, Chicago.

GRAIN ELEVATOR BUILDERS.

YOUNGLOVE & BOGGESS COMPANY,
MASON CITY, IOWA.

Contractors, Designers and Builders of Grain Elevators

Write us for ideas and estimates.

Manufacturers Agents and Jobbers of Elevator and Power Transmission Machinery and Supplies.

Steel Storage & Elevator Construction Co.

BUILDERS OF

Fire Proof Steel Grain Elevators

BUFFALO, NEW YORK

Send for illustrated catalog on fire proof steel grain elevators.

Track	THIS CONCERNS YOU	Strong
Mine	In all America we make the best and cheapest	Simple
Mill	STRONG SCALES	Durable
Hopper	GOVERNMENT STANDARD SCALE WORKS,	Accurate
Wagon	Terre Haute, Ind.	The Best
Dump	M. H. Winslow, Prop. Write Now.	Investigate

Grain Trade Books

of all kinds can be obtained at the office of the
GRAIN DEALERS JOURNAL, CHICAGO.

Clark's DOUBLE INDEXED Car Register

Is designed to afford ready reference to the entry or record of any car number. Its facing pages are ruled into five columns, those on the left hand page being numbered 0, 1, 2, 3 and 4; while columns on the right hand page are numbered 5, 6, 7, 8 and 9. Each column is ruled into three distinct divisions with the following sub-headings: "Initial," "Car No." and "Record."

The marginal index figure represents the right hand or unit figure of the number entered; and the column heading the second or tens figure. So in looking for, say 9846, we know it is on the page indexed 6, and in the column headed 4, and is quickest found by looking down the blue line for the third figure or 8. The instances in which these three figures appear in this combination will be so few that the required number can always be instantly found if properly entered.

The book is made of heavy ledger paper and well bound. Size, 11x14½ inches.

No. 40 contains 36 pages, with spaces for registering 9,000 cars.
Price, \$1.50.

No. 42 contains 68 pages, with spaces for registering 17,000 cars.
Price, \$2.50.

GRAIN DEALERS COMPANY,
10 PACIFIC AVE., CHICAGO.

Grain Register

For Country Buyers is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received. Each page is 8½ x 14 inches and at the top of the columns are printed Date, Name, Article, Gross and Tare, Number of Pounds, Number of Bushels, Price, Amount, Bin Number, and Remarks. Each page has spaces for 26 wagon loads and each book contains 100 pages, making each book contain spaces for records of 2,600 loads. The book is well printed on linen ledger paper, ruled in four colors and substantially bound in leather covers.

PRICE - - \$1.25.

For Sale by
GRAIN DEALERS COMPANY,
10 Pacific Ave., CHICAGO, ILL.

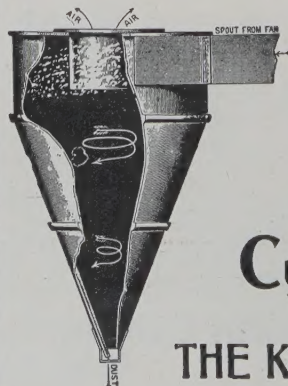


WE ARE LARGE MANUFACTURERS OF

Steel Roofing, Corrugated Iron, Etc.

We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., CHICAGO, ILL.



Reduce Cost of POWER INSURANCE

As well as danger of dust explosions by equipping your elevator with

Cyclone Dust Collectros

MADE BY

THE KNICKERBOCKER CO., Jackson, Mich

C. M. Seckner Engineering Co.

Designers and Builders of

Grain Elevators.

Contracts taken for all kinds of Heavy Work.
Estimates furnished if desired.

525-527 Unity Bldg. 79-81 Dearborn St.
CHICAGO.

G. T. HONSTAIN,
Successor to Honstain Bros.

Contractor and Builder of

GRAIN ELEVATORS

313 THIRD STREET, SOUTH,
MINNEAPOLIS, MINN.

READ THIS! My new catalog is not quite ready for distribution, but we are ready to do your work, prepare your plans, build your elevator, furnish your supplies, or any part of them. If you want the best Car-Puller, Elevator Head or Boot, ask for it. Send for special circulars, also send your entire bills for supplies and get my special prices.
WM. W. LOCKWOOD, Winfield, Kan.

L. O. HICKOK,

Designer and Contractor of

GRAIN ELEVATORS

MINNEAPOLIS, MINN.

W. S. CELVELAND,
Elevator Builder,

Plans and Estimates Furnished on Application.

520 GUARANTY LOAN BLDG.,
MINNEAPOLIS, MINN.

GRAIN ELEVATOR BUILDERS.

E. LEE HEIDENREICH,

541 Rookery, CHICAGO.

Designer and Builder of Grain Elevators

MONIER CEMENT TANKS
A SPECIALTY.

FRED GROTENRATH,

111 W. WATER ST., MILWAUKEE, WIS.

Designer and Builder of Grain Elevators.

Plans, Specifications and Estimates furnished
on short notice.

Write for prices on Grain Elevator
Machinery and Supplies.

ELEVATOR PLANS

Buy them at reduced prices, and build
your own country elevators. For a
short time I will furnish plans and spec-
ifications at the following prices: 5,000
bu. elevator, \$6; 7,000 bu. elevator, \$7;
10,000 bu. elevator for \$8.

M. J. TRAVIS, ATCHISON, KANS.
Designer and builder of Grain Elevators.

RELIANCE M'F'G. CO.

Manufacturers of the Reliance Grain Cleaners.

DESIGNERS AND BUILDERS OF

Grain Elevators,

Complete Equipments for Elevators and Mills.

1521, 1523 Bates St., Indianapolis, Ind.

HONSTAIN, BIRD & CO.

Builders of

GRAIN Elevators

307 South
Third Street,
Minneapolis,
MINN.

TELEPHONE NO. 2680 L.

BELTING

FOR
CONVEYORS
AND
ELEVATORS
ALSO

Fire Hose,
Packing, etc.

We furnished the belting for the Pioneer
Steel Elevator. Let us figure with you.

GUTTA PERCHA & RUBBER MFG. CO.,
96-98 LAKE ST., CHICAGO.

BROWN & MILLER, Managers.

MACDONALD ENGINEERING CO.

Designers and Builders of
Grain Elevators,

Monadnock Building.

CHICAGO, ILL.

John S. Metcalf Co.

ELEVATOR
BUILDERS,

1075 WEST 15TH STREET.

Plans and Specifications a specialty. CHICAGO.

THE BARNETT & RECORD CO.

MINNEAPOLIS, MINN.

....Contractors and Builders of....

Grain Elevators

Wm. Graver Tank Works

MANUFACTURERS AND BUILDERS OF

STEEL STORAGE TANKS

...AND...

→ Steel Elevators ←



We
Build

Storage

For
Any
Commodity
Of
Any
Capacity

GENERAL OFFICES,

303 Dearborn Street,

CHICAGO.

White's Wheat Flakes

Is the most palatable cereal food on the market. A trial will convince you.
If your grocer does not keep it, write

T. G. WHITE, Miller,

Marion, Iowa.

GRAIN ELEVATOR SUPPLIES.

Grain
Elevator
MachineryENGINES
BOILERS
AND
SUPPLIES

Write for Estimates.

DES MOINES MFG. &
SUPPLY CO., 101 E. Court Av.
DES MOINES, IA.

LINK-BELT SUPPLY CO.

MINNEAPOLIS, MINN.

Complete Elevator Outfits a Specialty

WE MANUFACTURE PULLEYS, SHAFING, BOXES,
HORSE POWERS, BUCKETS, CONVEYORS, ETC.

PROMPT DELIVERIES.

GRAIN
ELEVATOR
MACHINERY.

SEND FOR CATALOGUE NO. 40.

GREAT WESTERN MFG. CO.

GENERAL OFFICE AND FACTORY,
LEAVENWORTH, KANS.WAREHOUSE AND SALESROOM,
KANSAS CITY, MO.CLEANING MACHINERY,
CORN SHELLERS AND CLEANERS,
TRIPPERS, CAR PULLERS,
BELT CONVEYORS,
POWER GRAIN SHOVELS,

ELEVATOR SUPPLIES.

BELTING, BUCKETS,
HEADS AND BOOTS,
CONVEYOR, SCALES, Etc.

ELEVATOR SUPPLIES

GAS AND STEAM ENGINES

H.L. THORNBURGH & CO.

245-7 S. JEFFERSON ST.
CHICAGO, ILL.

BELTING

For Elevators and Flour Mills
ALSO

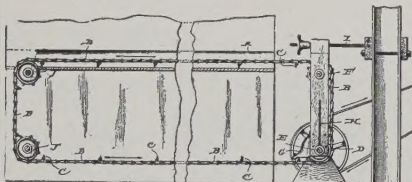
Hose, Packing and General Supplies.

CHAS. E. SANFORD & CO.
MINNEAPOLIS, MINN.

A. H. RICHNER

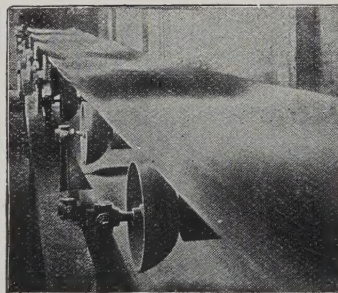
Designer and Builder of

Grain Elevators

Also manufacturer of the RICHNER CHAIN
GRAIN FEEDER. ELEVATOR AND MILL
SUPPLIES of all kinds.

Address A. H. RICHNER, Crawfordsville, Ind.

GRAIN ELEVATOR MACHINERY.



GRAIN CONVEYOR.

Grain Trippers, Car Pullers, Spouting,
Belt Conveyors, Wagon Dumps, Shafting,
Pulleys, Gearing, Friction Clutches,
Rope Sheaves, Link Belting,
Sprocket Wheels, etc.

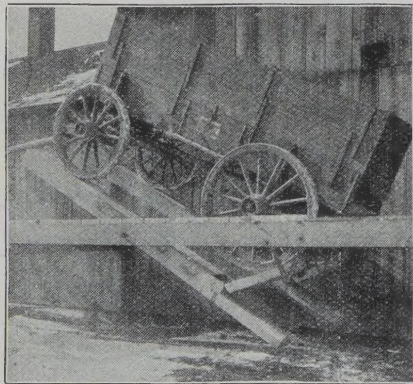
Send for Catalogue No. 25.

LINK-BELT MACHINERY CO.,

Engineers, Founders, Machinists,

CHICAGO, U. S. A.

The Adjustable Elevator Dump



LOW WHEEL WAGON ON DUMP.

WE claim superiority over all other dumps in
giving low wheel wagons enough pitch so
grain will leave the bed freely, in letting wagons
down easily. The dump can be placed on all
sill dumps without changing trip or pins that
sills are hung with. To responsible firms
dump will be sent on 30 days' time, with freight
prepaid. Write us for descriptive circular and
price list.HARVEL, ILLINOIS, Oct. 20, 1900.
MESSRS. SIMS BROS., Paris, Ill,
Gentlemen: Please ship us at once two dump
Attachments as per enclosed measurements. The
one we have on dump works like a charm.

Yours truly,

W. W. ADAMS & CO.

SIMS BROS., MANUFACTURERS
PARIS, ILL.B. S. CONSTANT CO.,
BLOOMINGTON, ILL.

DESIGNERS OF GRAIN ELEVATORS.

We manufacture Sheller Feeders, Elevator
Feeders, Water-Tight Boots, Steel Tanks, Dust
Collectors, Wagon Dumps, and Grain Sepa-
rators. All kinds of Elevator Supplies.

WRITE FOR PRICES.

ELEVATOR
SUPPLIES

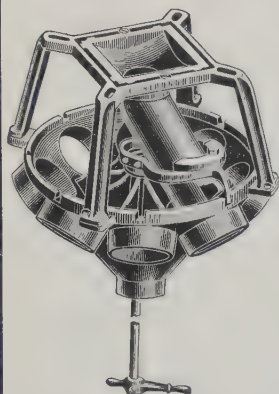
OF ALL KINDS.

GASOLINE ENGINES,
STEAM ENGINES
AND BOILERS.

Boiler and Machine Shops.

GLOBE MACHINERY &
SUPPLY CO.414 to 418
W. Court Ave.
DES MOINES, IA.

GRAIN ELEVATOR SUPPLIES.



PERFEC-
tion seems
to have been
attained in the
improved con-
struction of the
Hall Grain
Distributor.

No shrink-
age of timbers
or unequal set-
tling of the
building can
interfere with
its smooth,
easy and accu-
rate perfor-
mance. Mixing
of grain abso-
lutely prevent-
ed. All work
pertaining to
the distribu-
tion of grain

The Improved Hall Grain Distributor
entirely and with absolute precision from the
lower floor. Patented automatic overflow
signals operate when bin is full, without a
moving part and without a loss of a kernel of
grain. Send for booklet to

HALL DISTRIBUTOR CO.,
520 First Nat'l Bank Bldg., OMAHA, NEBR.

The Tiger Corn Sheller

and CLEANER is the Best on Earth

Try one or more and be convinced
This is no josh

For price and particulars, address

City Iron Works

GRAND LEDGE, MICH.

I HAVE GOOD BACKING

WHEN I TELL YOU THAT THE

J. J. Gerber No. 2

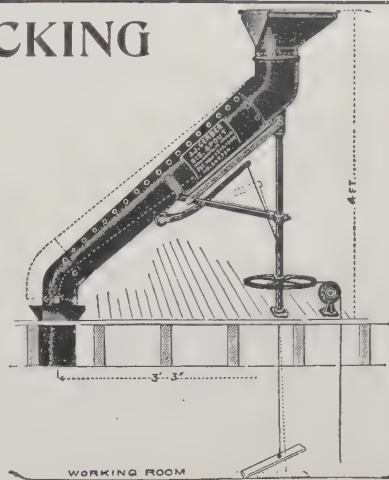
IMPROVED

Distributing Spout

Is the best distributing spout ever offered to grain
dealers. I am backed by the statement of over five
hundred elevator men. TRY ONE, it will prevent
mixing of grain. Patented May 15th, 1900.

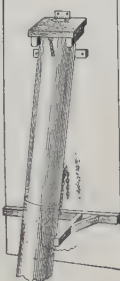
Elevator Spouting
of all Descriptions.

J. J. Gerber, MINNEAPOLIS,
MINN.



BEALE & JORDAN'S

Adjustable Loading Spout



Saves time and expense and
utilizes all car space. First
cost small. No expense to
operate. No shoveling. No
machinery to require con-
stant attention. When buy-
ing, get the best and cheapest.
Write for particulars to

BEALE & JORDAN,

Bagley, Iowa.

F. L. Collis, Triumph, Ill.: Please send
bill for my advertisement in the JOUR-
NAL. Have sold elevator; had plenty of
inquiries.

NUTT'S Patent Flexible Telescoping SPOUT



Closed.



Open.

Manufactured by

is the most convenient,
the easiest handled,
and adapted to more
uses than any other
spout made.

Cheapest because
one will do the dis-
tributing of many
spouts of other pat-
terns. Can
be closed up
to occupy
one-fifth of the
length
when ex-
tended.

WRITE FOR
PRICES.

FLEXIBLE SPOUT CO., Urbana, O.

SALES, SHIPMENTS AND RETURNS BOOK

is invaluable to the country grain man in keeping
record of his sales and shipments and returns
from the shipments made. Its use will save much
time and book work. The pages are 10 1/4 x 16 3/4
inches, used double. The left hand pages are ruled
for information regarding **SALES** and **SHIP-
MENTS**; the right hand pages for **RETURNS**.
Under **SALES** the column headings are Date,
Amount Sold, Price, Grain, Terms. Under **SHIP-
MENTS** are Date, Car Number and Initial, Our
Weights, In Bushels, Grade, Route, Rate. Under
RETURNS are Destination Grade, Difference,
Bushels, Over, Short, Gross Proceeds, Freight, Over,
Short, Commissions, Other Charges, Total Charges,
Net Proceeds, Drafts, Remarks. Each book has
room for records of about 1400 car loads. It is
bound with substantial leather covers and printed
on linen ledger paper.

Price, \$1.50. For sale by

GRAIN DEALERS COMPANY,

10 Pacific Ave.

CHICAGO, ILL.

H. A. Clevenger, Bondville, Ill.: I have
sold the elevator at York, Neb., so you
may take the ad out of the JOURNAL. I
received letters from every direction.

H. J. Lane, Blue Rapids, Kan.: Yes,
continue ad in next issue. I have received
a number of inquiries regarding elevator.

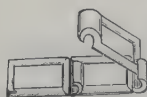
ELEVATING AND CONVEYING MACHINERY



"HELICOID" STEEL CONVEYOR.



STEEL CONVEYOR BOXES.



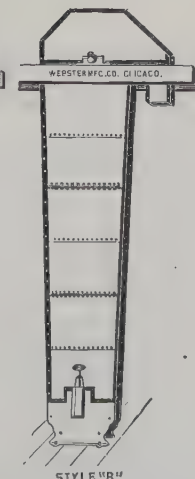
DETACHABLE
LINK BELTING.



"ACME" BUCKETS.



STYLE "A"



STYLE "B"

STEEL ELEVATOR LEGS.

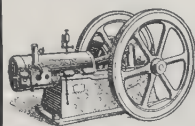
Write for our handsome catalog "M" just out, describing this machinery.

WEBSTER MFG. CO.,

1075-1097 West 15th Street, - Chicago.

POWER FOR GRAIN ELEVATORS.

ROBINSON'S IMPROVED ENGINE



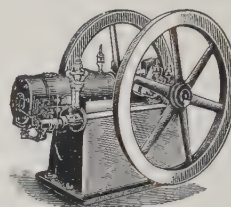
MANUFACTURED BY THE
DES MOINES GAS
ENGINE COMPANY
DES MOINES, IA.

If in need of power write
us and we will make
prices right

CORNELL
Gasoline Engines.

FOR GRAIN ELEVATORS.
Write for special adver-
tising price on first en-
gine, stating horse power
required.

Cornell Machine Co.
Sangamon and Superior St.
CHICAGO, ILL.

THE BROWN
GASOLINE ENGINES

are simple, reliable,
and economical. For
full information, ad-
dress,

Brown Gas Engine Co.
COLUMBUS, OHIO,

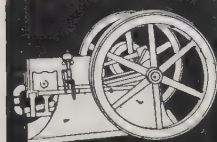
STATIONARY
PORTABLE
PUMPING
Best That

GAS AND ENGINES
GASOLINE $1\frac{1}{2}$ to 50 H. P.

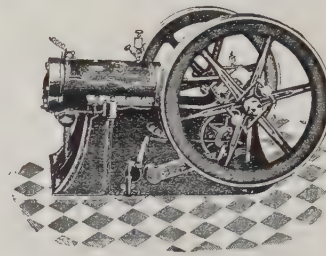
can be built, hence money can buy it
We guarantee and can prove it
Our catalog will interest you, because it describes
and illustrates all that is best and most modern in
gas engines.

Monarch Gas Engine Co., 3512 E. N. Y. St., Indianapolis, Ind.

THE
MONARCH
GAS
ENGINE
CO.

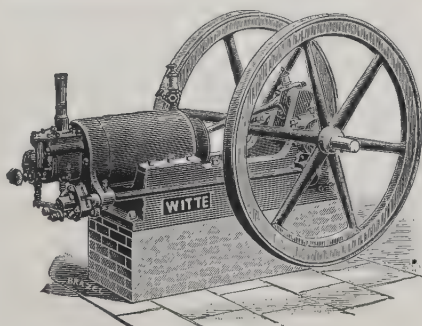


Power for Every Class of Work.



The Waterloo Gasoline Engine Co. Waterloo, Ia.

Branch Houses: David Bradley & Co.,
Council Bluffs, Iowa; Bradley, Clark &
Co., Minneapolis, Minn.



WITTE GASOLINE ENGINE

Made by modern tools and methods.
10 years experience, fully guaran-
teed, up-to-date, strong, durable
and simple. A five year guaran-
tee with every engine.

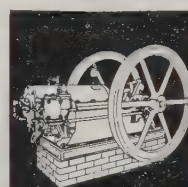
Witte Iron Works Co.,

513 West 5th St.,

Ask for catalog I. Kansas City, Mo.

Chicago Office:

30 West Randolph Street.

THE LAMBERT GAS AND
GASOLINE ENGINE.

It will please you if
you give it a trial, and
that is all there is to
it. Write for catalog
and prices. Lambart
Gas and Gasoline En-
gine Co., Anderson, Ind.

THE GAS AND
GASOLINE ENGINE
AND ITS AGE.....

BY NORMAN & HUBBARD.

Is a practical hand book of questions and
answers; a reference book for users and those
contemplating the purchase of a gas or gasoline
engine. It gives a historical review of the growth
of the gas and gasoline engine and the features that
are essential to the good working of a gas or gaso-
line engine. It gives a long list of questions and
answers which are invaluable to users, describes an
indicator, the pounding of engines, precautions in
running a gas engine, etc. It also gives a descrip-
tion of nearly all the prominent makes of American
engines. Besides a very complete set of rules and
tables, which are invaluable to operators of engines.
This book is of convenient size, well bound in cloth
covers, printed on book paper, and profusely illus-
trated. Price \$1.

For Sale by

GRAIN DEALERS COMPANY,
10 Pacific Avenue, CHICAGO.

HOWE SCALES AND HOWE ENGINES

Can you get anything better?

Can you get anything as good?

INVESTIGATION WILL DETERMINE.

Grain Testers, Grain Scoops, Bag Holders, Car
Starters, Conveying and Elevating Machinery.

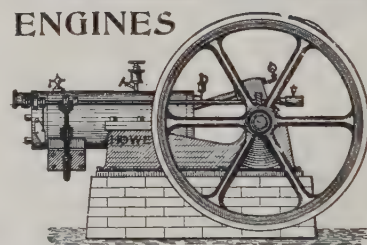
CATALOGS.

The Ball-Bearing Scale.



St. Louis, Kansas City,
Minneapolis, Cleveland.

Borden & Selleck Co., Chicago, Ill.



1 to 60 H. P.

Wagon, Dump, Hopper
and Grain Scales.

Double or Compound Beams

Steel Frames.

They Have TWO CYLINDERS.

ARE THE BEST IN THE LAND.

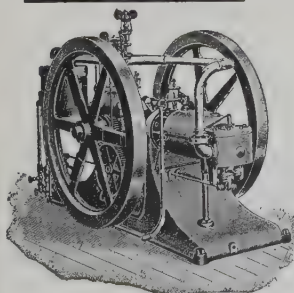
McMULLIN GASOLINE ENGINES.

WRITE FOR CATALOG C, AND TERMS TO AGENTS

The McMullin

Motive - Power &

Construction Co.



404-405 Royal
Insurance Building,
CHICAGO, U. S. A.

No. 23 Helmer's

Grain Scale Book

An indexed journal, keeps a record of 10,000
wagon loads. Each man's loads are entered on
his page. It keeps a record of scale weights.
From it both debits and credits are posted to
ledger, crediting the customer with the amount
received and charging it to the grain's account.

In using this book the dealer minimizes the
chance of making errors by posting from original
entries.

The book is ruled with column headings as
follows: Date; L. F.; L. F.; Kind of Grain;
Remarks; Gross; Tare; Net; Bushels; Pounds;
Price; Amount.

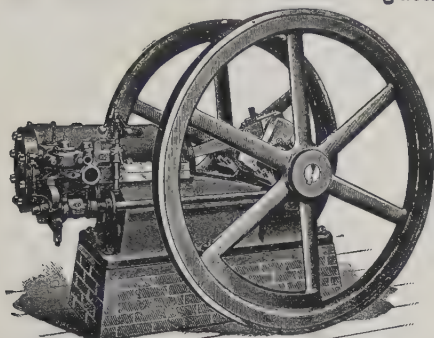
The book contains 240 pages, size $10\frac{1}{2} \times 15\frac{1}{2}$
inches. The best linen ledger paper is used. The
regular ledger index in front will accommodate
all names necessary. The book is bound in extra
heavy cloth covers with leather back. Price, \$2.50

For Sale by

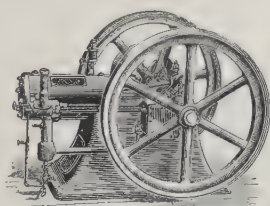
GRAIN DEALERS COMPANY
10 PACIFIC AVE., CHICAGO, ILL.

POWER FOR GRAIN ELEVATORS.

The "New Era" Gas and Gasoline Engines.



If interested write for particulars to
THE NEW ERA IRON WORKS CO.,
No. 86 Dale Ave. DAYTON, OHIO.



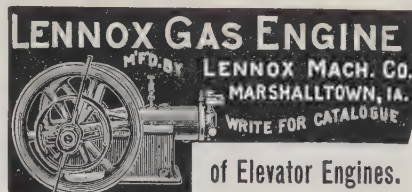
Just the Thing for Grain Trade

No intricate parts to get out of order and all vital parts are enclosed in a housing and run in an oil bath.

GET OUR NEW CATALOG AND PRICES.

Weber Gas & Gasoline Engine Co.,

Main Office and Factory, KANSAS CITY, MO. P. O. Box 1114-B.



LENNOX GAS ENGINE
MFD. BY **LENNOX MACH. CO.**
MARSHALLTOWN, IA.
WRITE FOR CATALOGUE
of Elevator Engines.

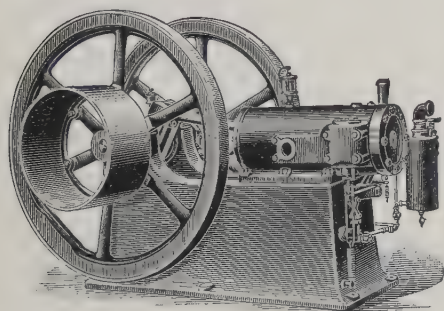
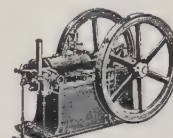
BRUNNER ELEVATOR ENGINE

FOR GRAIN ELEVATORS.

From 1 to 30 H. P.

Write for descriptive circular.

CHARLES BRUNNER, Mfr.,
Peru, Ill.



Original LEWIS Gasoline Engines

MOST POPULAR AND RELIABLE FOR

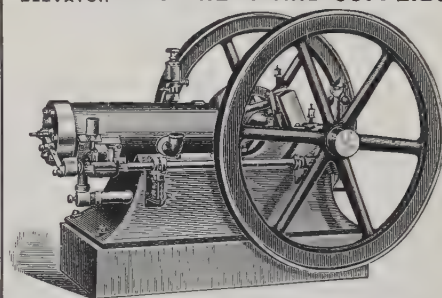
GRAIN ELEVATORS, WATER WORKS, ELECTRIC PLANTS

Volume Governor, Double Exhaust Air Adjustment to Regulate Mixture

GOLD MEDAL WORLD'S FAIR-1893
TWO GOLD MEDALS, OMAHA-1899

J. Thompson & Sons Mfg. Co. Beloit, Wis.

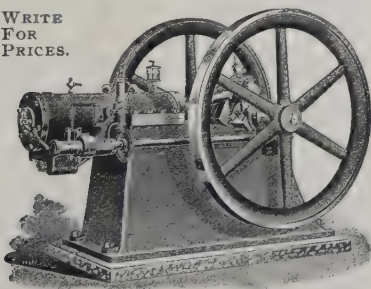
C. D. HOLBROOK & CO. MILL AND ELEVATOR MACHINERY AND SUPPLIES



COFFIELD GASOLINE ENGINES, Minneapolis, Minn.

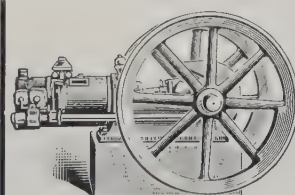
The Columbia GAS and GASOLINE ENGINES.

WRITE FOR PRICES.



E. L. GATES MFG. CO.,

66-70 So. Canal St., CHICAGO, ILL.

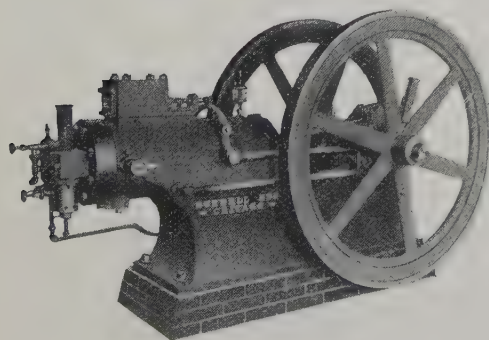


We told you in our last talk that there had been upwards of 58,000 Otto Engines sold. Of this number 10,000 were built in America at our Philadelphia shops, during a period of 25 years. The first engine we built is still running and owned by the Government. Of the balance, 90 per cent are working to-day, examples of what may be expected of correctly designed and well-built machinery.

The life of the Otto engine under ordinary conditions and with proper care is 15 to 20 years. Bear this in mind when looking for power.

Chicago Representative,
T. W. SNOW,
360 Dearborn St.

OTTO GAS ENGINE WORKS,
PHILADELPHIA, PA.



SEND FOR OUR NO. 2 CATALOG.

SKILLIN & RICHARDS MFG. CO.,

241-245 S. JEFFERSON ST.

CHICAGO, ILL.

MANUFACTURERS OF **Grain Elevator Machinery**
OF THE MOST APPROVED KIND.

Rope Transmission.

Link Belting.

Sprocket Wheels.

Pulleys, Hangers, Etc.

Salem Elevator Buckets.

Steel Plate Friction Clutches.

Rubber, Leather and Cotton Belting.

Spiral and Belt Conveyors.

Elevator Bolts and Washers.

Makers of the **BURRELL ENGINES** for Gas and Gasoline.

POPULAR, RELIABLE AND GOOD.

GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

ELEVATORS FOR SALE.

ELEVATOR for sale or rent. Fred Hecht, Clarence, Iowa.

GRAIN AND COAL BUSINESS for sale. Address C. Keefe & Co., Maple Park, Ill.

UP-TO-DATE grist mills, grain elevators and hotels for sale cheap. W. A. Thompson, Attica, Ind.

ELEVATOR at Dunlap, Ia.; grain and coal business. Write for particulars to Lehan Grain Co., Dunlap, Ia.

ELEVATOR, grain, coal and lumber business in S. W. Ia., for sale. Address Wm. Dougherty, Hawthorne, Iowa.

TWO-THIRDS interest for sale in new elevator; capacity, 125,000. Address F. R., Box 6, care Grain Dealers' Journal, 10 Pacific Av., Chicago.

ELEVATOR, cribs and residence for sale; no competition; will sell cheap if sold at once. K., box 5, care Grain Dealers' Journal, Chicago, Ill.

TWO steam elevators on C., R. I. & P. northern Kansas; shellers and cleaners complete. Write L. N. C., Box 6, care Grain Dealers' Journal, Chicago.

ELEVATOR AND FLOURING MILL for sale or rent, with modern machinery; in town of 3,000; railway connection. Inquire Shields & Shields, Howell, Mich.

IOWA ELEVATOR, 8,000-bu.; only elevator at station. Have other business. Will sell cheap. Address Barley, box 4, care Grain Dealers' Journal, 10 Pacific Ave., Chicago, Ill.

ELEVATOR on C., M. & St. P. Ry. in Minn.; also elevator on G. N. Ry. in S. D., for sale. Good point. Address Grain Commission, box 7, care Grain Dealers' Journal, Chicago.

ELEVATOR for sale, 20x52, strongly built of oak; iron roof, dormant scales; no machinery; on Wabash R. R., at Colton, O. Will exchange for land. Cecil Grain & Lumber Co., Cecil, O.

ELEVATOR, 18,000-bu.; storage 30,000 bu. extra; S. E. Iowa; ships 500,000 yearly. Good business; best of reason for selling. Address X. X., box 7, care Grain Dealers' Journal, Chicago.

NEW elevator and dwelling, best machinery, scales, gas engine, 2 cleaners, everything first class and complete. Town ships 250 cars stock and 300 cars grain a year. Want to go south and must sell all. A. R. McGoon & Co., Hawkeye, Iowa.

MILL & ELEVATOR in the best grain belt cent. Ill. Capacity of mill 50 bbl., of elevator 40,000 bu.; both in first class condition and doing good business. or will exchange for good farm land. A. J. C., box 1, care Grain Dealers' Journal, Chicago, Ill.

MINNESOTA elevator and coal business; new year ago; 20,000 capacity, well built; hopper and dump scale and 6-h. p. Fairbanks gasoline engine in good condition; good farming country; must sell account poor health. Cheap if taken at once. T. H., Box 6, care Grain Dealers' Journal, Chicago.

ELEVATORS FOR SALE.

INDIANA elevator, new, ships over 200,000 bu. annually. No competition. W. L., box 7, care Grain Dealers' Journal, Chicago.

ELEVATOR in Big Miami River bottom on main line Big 4, Elizabethtown, O. Capacity, 8,000 bu. corn, shelling capacity, 2,500 bu. per day. Wagon dump, feed mill, rolls for fine meal, new boiler, good engine, steam drier. For particulars write Early & Daniel, 6th and Harriet Sts., Cincinnati, O.

EXTRAORDINARY OPPORTUNITY. Grain, hay, lime, coal and wood business, with elevator, feed mill, warehouse and yard property, on two main streets of Grand Rapids, Michigan Central side track. Two dwellings; electric light and power. No incumbrance; increasing value. Established 18 years and will bear closest investigation. Paying and safe business and real estate investment for right party. Satisfactory reasons for sale. Address Owner, care Carrier No. 30, Grand Rapids, Mich.

GRAIN FOR SALE AND WANTED.

CLOVER AND TIMOTHY seed, home grown, for sale by Schlatter & Seaward, Bellevue, Iowa.

EARLY CHAMPION OATS for sale. For sample and prices address W. F. Harris, Williamsburg, Iowa.

SEED OATS wanted, car lots; mail sample and price delivered Marcellus Sta., N. Y. F. B. Mills, Rose Hill, N.Y.

KENTUCKY B. G. S., 75c per bu. f. o. b. cars; best grade; pure seed; try it; sample 2c. John G. Rogers & Co., Wade's Mill, Ky.

FARM SEEDS—Choicest new varieties of seed corn, oats, wheat, barley, rape and all kinds of field and grass seed. Iowa Seed Co., Des Moines, Ia.

SEED CORN, St. Charles, White and Southern White Corn; write for prices and samples; also clover seed. Schisler-Corneli Seed Co., St. Louis, Mo.

MISCELLANEOUS.

PARTNER wanted with plenty of capital, to go into grain business in finest wheat section known. Can get plenty of locations if we have capital to build. Address 818½ Public Square, up-stairs, front room, Enid, Okla.

IOWA farm wanted in exchange for Chicago wholesale and retail grain business, with good equipment of machinery and gas engine, teams and wagons; long established with good trade. Good building. Also membership in Board of Trade. If desired would rent real estate to buyer of business. Must trade, or sell on account of health. Address Fred Grimsell, 78 West Erie St., Chicago.

HELP WANTED.

MAN of experience wanted, to take charge of an elevator of about 400,000 capacity, and who is conversant with inspection and mixing of grain. Address with references, X. Y. Z., box 7, care Grain Dealers' Journal, Chicago.

ELEVATORS WANTED.

WANT to rent elevator, good country. J. S., 33 Martin-av., Columbus, O.

WANTED to buy, a good elevator in Iowa or southern Minn. Address L, Box 262, Estherville, Iowa.

RESIDENCE to exchange for elevator or land; Minn., S. D. or N. D. Address 427 Hutchinson, Minn.

WANT to rent elevator at good grain point in Ill. R. B. C., Box 3, care Grain Dealers' Journal, Chicago.

WANTED to Rent—Elevator in Ia., or Minn.; 8,000 to 10,000 bu.; with privilege of buying. Box 66, Grover, S. D.

ELEVATOR wanted, on line of U. P. or B. & M., in Neb. B. S. C., box 4, care Grain Dealers' Journal, Chicago, Ill.

ELEVATOR at good Ill. or Ia. point wanted, for E. Kan. imp. farm. J. C. Porterfield, 4523 Union Av., Chicago.

ELEVATOR wanted to buy in N. W. Ia. or S. Minn. Must be in good grain town. Address Box 22, Meriden, Ia.

GOOD grain station wanted, not over 35,000 bu. capacity. Give full description and lowest cash price in first letter. Box 25, Meredosia, Ill.

WANTED, to lease, medium-sized elevator in some good grain territory. B. R., Box 6, care Grain Dealers' Journal, 10 Pacific Av., Chicago.

ELEVATOR wanted at good grain station; must do good business; Ill. or Ia. preferred. Cash for right property. Wm. W. Bouslough, Sumner, Ia.

ELEVATOR wanted, to buy, in east or S. E. Neb. State capacity, power, machinery and shipments during year. N. A., box 4, care Grain Dealers' Journal.

ELEVATOR wanted to lease or buy within 100 miles of Des Moines, Ia. State price, capacity, power, condition, annual shipments, etc. Address L., Box 7, care Grain Dealers' Journal, Chicago.

WANTED, to lease with privilege of buying, a grain elevator in good location, Iowa or Minnesota; give full particulars by mail. Address G., box 5, care Grain Dealers' Journal, Chicago, Ill.

ELEVATOR wanted to buy in corn and oats belt; state power, capacity, price, annual shipments, etc., in first letter; must do large business and be in good condition. B. L., Box 285, care Grain Dealers' Journal, Chicago.

ELEVATORS WANTED. If you wish to sell or lease your elevator, list same with us. It costs nothing unless sale is made, and then only \$1 for each sale resulting. Elevator Exchange, 94 Traders Bldg., Chicago, Ill.

SCALES FOR SALE.

FAIRBANKS Hopper Scales, 60-bu.; good as new; \$40. J. B. Outram, Lippincott, Ohio.

TRACK SCALES for sale, in good repair; 60 tons, 34-ft. rail. Groveport Elevator Co., Groveport, O.

SCALES WANTED.

WAGON scales wanted, of standard make, give condition and price in first letter. W. M. Alt, Mondovi, Wis.

GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

ENGINES FOR SALE.

ENGINE for sale; 15-h. p. Chandler & Taylor; at a bargain. Write for price. R. E. Cunningham, Brook, Ind.

OTTO GAS ENGINE, ten-horse power; good order. Chas. E. Prunty, Main and Market, St. Louis, Mo.

GAS and Gasoline Engines, 2 to 25-h. p. For particulars address The Carl Anderson Co., 23 N. Clinton st., Chicago.

ENGINE and boiler, 35-h. p. with heater, low price, fine order, ready to ship. McKinney, 1533 Marquette bldg., Chicago.

GASOLINE engines 2 to 8 h. p. No better built and price right. Catalog. Complete electric and pumping plants. J. D. Wallace, Champaign, Ill.

GASOLINE engines for sale; 3-h. p. Gus, 5-h. p. Fairbanks, 7-h. p. Otto, 15-h. p. Chicago, 40-h. p. Wolverine. Backus Gas Engine Co., 216 Lake St., Chicago.

SECOND-HAND gasoline engines; one 4-h. p. Van Duzen; one 12-h. p. Otto; one 14-h. p. Charter; also other makes. Write C. D. Holbrook & Co., Minneapolis, Minn.

PEERLESS 8-h. p. steam engine and Fairbanks-Morse 15-h. p. boiler for sale; in good repair, with all connections for 2-leg elevator. Having enlarged elevator have no use for this machinery. Write or call on Bartley Gulshen, Odell, Ill.

GASOLINE engines: 2½-h. p. Fairbanks, \$120; 4-h. p. Fairbanks, \$200; 5-h. p. Lewis, \$175; 6-h. p. Fairbanks, \$250; 6½-h. p. Webster, \$235; 10-h. p. Webster, \$265; 12-h. p. Fairbanks, \$350; 12-h. p. Otto, \$300; 30-h. p. White & Middleton, \$700. A. H. McDonald, 36 W. Randolph-st., Chicago.

LOCATIONS FOR ELEVATORS

in Illinois, Iowa and
Minnesota on the line of the

Chicago Great Western Ry.

Opportunities for men with capital to invest in paying modern elevators. No section of the country is so free from crop failures. Write for maps and full information.

W. J. REED,

Industrial Agt., C. G. W. Ry.
604 Endicott Bldg.
St. Paul, Minn.

ENGINES WANTED.

BOILER AND ENGINE wanted, 40-h. p., in good repair. State lowest price. A. W. Yerion, Hedrick, Ind.

STEAM plant wanted, 10x16 automatic engine, side crank, R. H.; 54x16 boiler, pumps, heater, all connections. E. J. Sharp, Forest City, Iowa.

MACHINES WANTED.

FEED MILL. Good second-hand roller feed mill wanted; must be in good order. Dixon Cereal Co., Dixon, Ill.

WANTED—Grain elevator men who want grain handling machinery of any description, new or second hand, can get their wants promptly supplied by advertising them in this department.

SITUATION WANTED.

POSITION wanted as manager of elevator or line of elevators, by young man of experience. E. C., Box 6, care Grain Dealers' Journal, Chicago.

POSITION wanted as manager of elevator, by experienced grain dealer, an expert barley man; best of references given. Address J. E., box 7, care Grain Dealers Journal, Chicago.

SITUATION wanted as buyer with good grain firm, 20 years' experience; can manage elevator, do millwright work and have tools. Married, speak German. H. B. R., box 156, Waverly, Ill.

POSITION wanted by grain and elevator man with 10 years' experience; can handle office and books. Can furnish gilt-edge references, and also bond if required. S. S., box 7, care Grain Dealers Journal, Chicago.

POSITION wanted in general office of elevator company; fully competent to take entire charge of all work pertaining to management of agents and other general work. E. M. Rogers, 1827 10th Av. S., Minneapolis, Minn.

POSITION wanted in an office where the work is light and no objection will be made to my smoking cigarettes. Know all the latest rag-time songs and can whistle like a mocking-bird. Will go anywhere for big pay and short hours. Address Fred, Box 6, Grain Dealers' Journal, Chicago, Ill.

MACHINES FOR SALE.

SHELLER, Western No. 2½, capacity 400 to 500 bu. per hour, for sale. A. H. Richner, Crawfordsville, Ind.

WESTERN SHELLER No. 4, \$25; Barnard Leas No. 2½ Dustless Wheat and Oat Extractor, \$35. J. B. Outram, Lippincott, Ohio.

SEPARATORS, clippers, corn scourers, mill and elevator supplies. Also second-hand machinery. A. S. Garman & Sons, Akron, Ohio.

SEPARATORS: 1 No. 3 Barnard & Leas Elevator Separator, and 2 small milling separators. W. H. Caldwell, 1117 Royal Ins. bldg., Chicago.

OAT CLIPPERS, secondhand, for sale at a bargain: two No. 5 "Eureka." Address R. B., box 7, care Grain Dealers Journal, 10 Pacific av., Chicago.

SCREW conveyor, elevator boots and belting, and Cyclone Dust Collector for sale. Write for catalog No. 326. The Chicago House Wrecking Co., W. 35th and Iron-sts., Chicago.

MIAMI Combined Sheller and Cleaner No. 2, in first-class condition, for sale or trade. Want Cornwall Cleaner or good second hand hopper scale, for cash or in trade. Goodrich Bros. Hay & Grain Co., Winchester, Ind.

ELEVATOR outfit, 6-h. engine, 10-h. boiler, pump, tank, No. 1 Barnard & Leas Warehouse Cleaner, shafting and pulleys for two elevators, 125 ft. of 10-in. rubber belt with 9x5 cups, 70 ft. of 6-in. leather belt, 3 sets Fairbanks scales, flax scales, 2 testers, 1 trier, 4 receiving hoppers. All in first-class condition, for immediate shipment. G. C. Davis & Co., Red Wing, Minn.

FOR SALE-MISCELLANEOUS.

CORN CRIB VENTILATORS, adjustable, fit any crib, reduce liability of deterioration to a minimum, the invention of N. S. Beale, Tama, Iowa. Write for particulars.

FOR SALE AT PAR. Stock in large new and thoroughly modern grain elevator at a good terminal market in one of the leading wheat producing states of the Union. All shares fully paid up and non-assessable. Address A. H. Bennett, Station "A", Topeka, Kan.

**GRAIN
DEALERS' JOURNAL**
10 PACIFIC AVE., CHICAGO, ILL.

190

Gentlemen:—Enclosed find One (\$1.00) Dollar,
for which please send the *Grain Dealers Journal* on the
10th and 25th of each month for one year to

Name.....

Post Office.....

State.....

LUMBER We sell to everyone at the same price, strictly whole-sale rates. We will sell to anyone.

JOHN SPRY LUMBER CO.,

ASHLAND AVE. AND 22ND ST., CHICAGO, ILL.

Champion Corn Sheller

It's the "Champion," and its rightly named. We think it has no equal—certainly none unless you pay three or four times the "Champion's" price.

Its work is easy and rapid. You ought to see and try the "Champion." It is fully guaranteed. Write for descriptive circular.

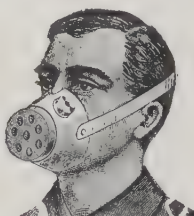
R. H. McGRATH,

ESTABLISHED 1851.

LAFAYETTE,

INDIANA.

Keep Dust Out of Your Lungs



USE THE Hurd Respirator

Made of Soft Rubber Durable, light and easy to wear. Air inhaled through a thin wet sponge, and exhaled through an automatic valve. Price, \$2. each; \$20. Per Dozen.

Morley Respirator Company, Saginaw, Mich.

Hamilton Rubber Mfg. Co.

MANUFACTURERS OF HIGH GRADE

RUBBER BELTING

Rubber and Cotton (Rubber Lined) Fire Hose, Packing, Valves, Gaskets, Mats and Matting.

WRITE FOR SAMPLES AND PRICES.

NEW YORK
PHILADELPHIA
PITTSBURG

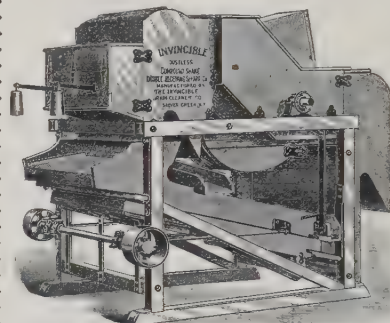
161 East Lake St., CHICAGO.

Telephone Main 2296.

INVINCIBLE

COMPOUND-SHAKE
DUSTLESS, DOUBLE
RECEIVING SEPARATOR.

13 regular sizes, other sizes as ordered.



Made in wood or steel. Runs absolutely smooth and quiet. No shake or tremble.

THE BEST MONEY CAN BUY

A cleaner that cleans at a minimum expense for power used. A machine that can be depended upon to do the work required of a separator as it should be done. It has many desirable features which are explained in our catalog. Send for one. We manufacture corn and cob separators and cleaners, oat clippers, scourers, cleaners, needle screen gravity separators and spiral belt separators.

Invincible Grain Cleaner Company,

Invincible Works, Silver Creek, N. Y.

Represented by

W. J. SCOTT, Wyoming Hotel, Chicago, Ill.

EDW. A. ORDWAY,

512 Exchange Bldg., Kansas City, Mo.

CHAS. H. SCOTT,

Nicollet Hotel, Minneapolis, Minn.

J. N. BACON,

Blachere Block, Indianapolis, Ind.

YOUR DEAREST WISH.

There are certain things that every elevator man strives to obtain in his business—sometimes it is one thing, sometimes another. One man wants to get the expense down to rock bottom—another stays awake nights figuring out how he can make his product better.

The best way to gain your wish, whether it be quality of product or cheapness in the cost of production, is to get the right machinery.

It has become an axiom of success in the elevator business that "The Monitor Grain Cleaning Machinery has no peer". Hundreds of elevator men in the past decade have bought our machines—they know now where the quality argument comes in, and the cheapness of cost of production, too.

Take our Monitor Dustless Warehouse and Elevator Separator as an instance. It is not only a good machine because it is the last word along the old lines of goodness, but it has the exclusive Monitor features of scientific air separation carried to the limit of absolute perfection.

For this reason, and others equally good, the modern elevators are using Monitor Separators.

Our catalog tells more.

THE HUNTLEY MFG. CO.,

SILVER CREEK, NEW YORK.

GRAIN DEALERS JOURNAL

Published on the
10th and 25th of Each Month
BY THE

GRAIN DEALERS COMPANY,

10 Pacific Avenue, Chicago, Ill.

CHARLES S. CLARK,
EDITOR AND MANAGER.

J. CARVER STRONG,
ADVERTISING REPRESENTATIVE.

SUBSCRIPTION RATES:

One Dollar per year; Sixty cents for six months. Invariably in advance. Fifteen cents should be added for exchange when sending local check.
To Foreign Countries within the Postal Union, postage prepaid, \$1.75.

ADVERTISING RATES

furnished on application. The advertising value of the Grain Dealers Journal as a medium for reaching the grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth.

LETTERS

on subjects of interest to those engaged in the grain trade, and trade news items are always welcome.

CHICAGO, ILL., APRIL 10, 1901.

The crop expert whose predictions are biased by his own speculations is again abroad, in the land.

When placing insurance on your elevator or its contents, read carefully all provisions of the policy before accepting it.

If your elevator is infested with weevil or rodents, you can get immediate relief by a thorough treatment of bi-sulphide of carbon.

A carefully coopered car, if not too old and weak to withstand the strain of a heavy load of grain, will generally deliver the load at destination in its entirety.

If the speculators continue to corner the corn market, manufacturers of grain driers will probably find it necessary to work nights in order to keep up with their orders.

The elevator operator, who continually works in the dust and makes no effort whatever to protect his respiratory organs from becoming filled with poisonous dust, invites disaster.

Texas is large and rich enuf, and its agricultural interests are of sufficient importance to justify it in collecting information regarding grain and cotton, and compiling reliable crop reports.

The Kansas agitators, who gained much notoriety by denouncing the so-called grain trust and attempting to secure populist legislation against the regular grain dealers of the state, are threatening to organize a trust of their own in order to fight the regular grain

shippers. Their complete failure in the first work undertaken in this line casts a shadow of what may be expected henceforth.

Shippers who confine business dealings in central markets to members of the Exchange are more likely to receive fair treatment than to be bunkoed. This is specially so in some southeastern markets.

Nebraska dealers, thanks to some shrewd work by their Secretary, were relieved from another law providing for the regulation of the handling and selling of farm products in carload lots. The bill died in the committee.

If in time of vacillating markets you have sleepless nights, insist upon written contracts. Farmers who intend to abide by the spirit and letter of verbal contracts can advance no valid objections to putting contracts in writing.

Storing grain for goodwill and to increase the prospects of getting the farmers' grain is decidedly unprofitable. To derive an income from storing grain, as some fortunate country elevators do, a storage charge much be established and maintained.

Every county shipper who has called at this office during the last three weeks (and there has been a number) reported the roads in such bad condition that no grain was being received. The cost of bad roads to the farmers of the country must be enormous.

It is sad to relate that there are still men using gasoline engines, who are so completely oblivious of the explosive power of gasoline, as to go hunting for leaks in their supply tanks with a match. They seldom find the leak, but the gasoline finds the match,—and them.—* * ! ! —! ! !

Seed shippers of the country are given so much trouble by some buyers bidding everyone who asks for quotations, that the matter is likely to be laid before the grain dealers associations in the near future and action asked. It wud be much to the advantage of regular seed buyers to have the seed shipping business confined to the hands of regular country dealers who make that their business continuously.

The adjusters for some of the stock fire insurance companies continue to give evidence of their firm determination to beat country elevator men out of a large percentage of the insurance rightly due them. If the elevator man wud take the extreme precaution to provide written appraisalment with plans of house and keep appraisalment up-to-date, he would be able in nine cases out of ten to collect the insurance paid for. By very rigid squeezing of the elevator man, who has

met with a loss, the adjusters help to drive all future business to the mutuals which are organized for the purpose of insuring property of policy holders at cost.

The burning of the starch plant at Bradley, Ill., recently, emphasizes the fact that sprinkled risks will burn, but it does not prove that plants properly equipped with good sprinklers and kept in working order will burn. Sprinklers are efficient fire fighters only when kept in fighting condition.

The insect destroying Texas grain at first was reported to be a new insect *Toxoptera Gramines*, but a later authority maintains that it is simply the grain aphid. This is really unkind of the later authority. Texas was anxious to originate a new aid to the Bulls and shud have been permitted to do so.

When buying machinery for that new elevator, or for improving the old one, don't let the matter of price be the only consideration. The first cost is not the only one the elevator man is required to pay for installation and use of machinery. The cost of operation and of maintenance frequently exceeds the first cost.

Chicago's Chief Grain Inspector, in his recent address before the Illinois Valley Grain Dealers' Association, again impressed upon shippers the necessity of cleaning all oats carefully. The percentage of oats graded down on account of dirt contained is no doubt larger than of any other grain arriving in the Chicago market.

A well constructed elevator may be built by some country barn builder, but it is not likely to be conveniently arranged. As in a case which recently came to light in Illinois, its cost may be so greatly increased by the useless waste of material, that in the end the plant is more expensive than it would have been if constructed by the most expensive builder, making specialty of elevators. It is a pleasure to operate a good house, but a constant irritation to operate the inconvenient barn usually erected by the country carpenter.

One strong feature of association work which has in a measure been overlooked, is that all influences of associations tend to drive out the tricksters and dishonest dealers at country as well as central markets. The associations have time and again censured and denounced unfair and dishonest dealing, so that those who are disposed to indulge in dishonest dealing, have the associations as well as the laws to fear. To be ostracized by the members of one's trade, virtually means a compulsory suspension of business. The lines are being drawn closer and closer. The dealers are being educated to a keener perception of what is right and

wrong, and it is much safer to conduct a grain business than ever before. For this work, the entire trade is deeply indebted to the associations, altho they are supported by the minority of dealers.

The shipper who guesses on the weight of grain placed in car is not in a position to present claim to a railway company in case of accident to car, nor would he be able to present a very good case, should shortage occur otherwise. A reliable scale in any shipping elevator will soon pay its cost in shortages prevented, if not in shortages detected.

The insurance companies are at last recognizing the reduction in the fire hazard obtained by equipping an elevator with dust collectors, and make a generous allowance for such protection. If the dust collected is sent direct to the furnace and burned, the elevator man profits not only by the reduction in the cost of his insurance, but also by the reduction in the cost of his power.

The Illinois Railroad and Warehouse Commission has granted the petition of the Committee of Eight of the St. Louis Merchants' Exchange, and henceforth reconsigned grain can pass thru a public elevator in East St. Louis without being burdened with the expense of two inspections. This will insure more transfer work for the public elevators and better weights for shippers to that market.

Users of the old style pinch-bar no doubt look at the modern car movers with incredulity. As long as they are able to make the old kind do part of the work, they seem to be satisfied, even tho they find it necessary to call in all the men of the neighborhood to assist the pinch-bar. An up-to-date car mover, even tho it has the largest car to move, does its work with ease and without an army of men to help.

It is indeed gratifying to know that some of the elevator owners, who are advertising their properties for sale, are prompted to do so by the remarkably good prices paid for neighboring elevators not half as good as their own. The business is getting on a better basis, and the country shipper is in most cases able to make a living. For this reason, buyers seem willing to pay every cent the property is worth and a trifle more.

Minnesota politicians have recently been attempting to secure the passage of a bill thru the state legislature which shall place the power to appoint members of the State Board of Appeals with the railroad and warehouse commission instead of by the governor of the state as at present. This would give the commission entire control of the inspection department and is contrary to the spirit and intent of the law. The appeals committee should be above and entirely in-

dependent of the power which makes and controls the inspection department. The grain inspection department has its supervising inspectors to whom appeals are now taken. The board of grain appeals should remain above all inspectors.

Regular grain dealers can do much in the way of encouraging receivers and track buyers to confine their business dealings to regular country shippers by refusing to ship to any firm which is known to be encouraging the scoop-shovel shippers. The receivers have in reality just as much, if not more, to gain by driving the irregulars out of business than the country shippers who are compelled to struggle along under unfair competition.

Printed letterheads, envelopes and cards are convincing characteristics of the man, who is in the grain business to stay—the regular grain dealer, who invests his money in grain handling facilities and hopes to get a profit out of it. The scoop man seldom goes to the expense of printed letterheads, and never thinks of printed envelopes and cards, so that receivers in central markets seldom experience any difficulty in spotting scoop men when they ask for bids or market letters.

A correspondent in this number, who replies to the query published some months ago, gives a very good idea for the construction of corn cribs; the adoption of which wud prove of profit not only to the sawmill man, who first prepares lumber of this character, but also to the cribbers of corn who use it in the construction of cribs. Heretofore corn cribs seem to have been constructed without any thought as to their improvement. The grain dealers have aimed to construct a building which wud give a maximum storage capacity at a minimum cost. The preservation or improvement of the corn to be stored has been secondary when any attention has been given to it. These points are now pressing forward for attention, and the dealers who are interested in having their corn grade, will make haste to give serious consideration to the matter.

The Railway Review has recently called attention to the fact that cars provided with steel underframing for wooden box are much more likely to leak than are boxes made entirely of wood. It would seem possible to construct a car box entirely of steel which would not only reduce the leakages 90 per cent, but which would also prevent pilfering thieves from gaining admission to cars. One great improvement which has been made recently, out of deference to grain shippers is the construction of box cars without end doors. When the railroads get to constructing cars specially for grain without side doors, shortages

will be reduced to a minimum. With opening in roof and bottom of car, the grain elevator man could load to full capacity without shoveling or the use of door. The work of unloading cars so constructed wud also be greatly reduced.

The arbitration feature of association work has attained a higher degree of perfection in Texas than in any other state. The other organizations have been so busy with other work, that they have delayed adopting this means of benefiting the trade. It is no doubt better that it has been so, because when the associations are federated thru the National, they will be in condition to conduct arbitration proceedings free from prejudice and free from the influence of natural interest in the welfare of neighboring dealers. By placing the work in the hands of persons of wide experience and from different parts of the country, it can be conducted vigorously and without feeling. In some cases, where local associations have attempted to adjust differences, there has existed the feeling that the arbitrators were not fairly disposed towards their fellow member, hence he withdrew from his local association. By the new plan, the arbitrators will be so far from the local association as to be above suspicion of ever having been guided by prejudice.

Grain dealers who ship grain to Mississippi points may always expect trouble as long as the Mississippi brokers deliver their purchases to interior points and depend upon these buyers for weighing and inspecting. It is natural that the retailer at interior points should be deeply prejudiced in favor of his own interests and be unable to discover that consignment was either up to grade or full weight. So much trouble has been experienced in the past in this line, that it seems high time action was taken by the principal distributing markets of the state to provide facilities for determining the correct weight of grain and for grading by disinterested parties. The shippers would surely be glad to bear more than their share of expense for such service. Differences of opinion as to grades will always arise, or at least so long as the classifying of grain is a matter of human judgment; but differences are not likely to occur so frequently, when the grading is done by disinterested parties. Interior retailers who buy thru the brokers at central markets, would also be better satisfied to accept the grading and weighing of disinterested officials at those markets. When Mississippi takes honest steps to insure fair treatment to all who ship grain into the state, it will prove a far more attractive market, and the brokers will be able to conduct their business with less friction and at a fair profit.

LETTERS FROM THE TRADE

ARBITRATION OF INESTIMABLE VALUE.

Grain Dealers Journal: I consider the arbitration feature of our work one of the most important undertaken by the Texas Grain Dealers Association, as it not only saves the members numerous lawsuits, but settles all claims much more satisfactorily to all concerned than would be done by the courts.

I think the fair and impartial manner in which these claims are handled will in a short time prove to be a sufficient guarantee to every purchaser of grain from any member of our association to warrant such a purchaser in the payment of all drafts promptly on presentation and without waiting for the arrival of the grain or asking, for inspection before unloading.—J. P. Harrison, Sherman, Tex.

IN THE GRAIN TRADE FORTY-TWO YEARS.

Grain Dealers Journal: A year ago January, I retired after having been in the grain trade for 42 years without a break. I bot and shipped the first car of wheat at what is now Homestead in Iowa County, 20 miles west of Iowa City and 70 miles west of the Mississippi River.

My little grain house of that time was 16 x 16 feet, and the farthest west in any state, being on the Chicago, Rock Island & Pacific Railway, the first railroad west of the river.

The first car was shipped in the fall of 1858, and had been brot from Fort Dodge by ox team a distance of 165 miles. The price paid was 63 cents. In 42 years the lowest price was 30 cents, the highest, \$2.50.

Over half of my 83 years have been spent in the grain and lumber trade in the great state of Iowa. The men now in the grain trade have my kind regards.—Thomas J. Holmes, Perry, Ia.

AN ELEVATOR SCHEMER.

Grain Dealers Journal: In July, 1900 three men rented six elevators for one year with option to buy at any time during lease.

The schemers managed to oust the third partner in the deal, brot suit against the owners of the elevators for \$4,000 on a trumped up claim that elevators were not as represented. The "bluff" did not work, and they withdrew their suit.

An addition was built by the schemers to one of the elevators on railroad lease, and repairs were made on another.

A bold attempt is being made to get the railroad to give the schemers leases on the ground already leased to the owners of the elevators, accompanied with a demand to have the original owner tear down his elevator, and remove it to accomodate the schemers, who are advertising the elevator they do not own for sale. The two railroad companies refuse to grant leases to the schemers unless they buy and pay the original owners for the elevators.

The third party in the lease has brot suit for \$2,000 against the schemers, and the elevator owners will now bring suit for destruction of property and non-fulfillment of contract. All the parties have employed the best legal talent and a grand time is expected.

A good business in corn has been done

by the schemers at their leased stations as well as an extensive track business. Not satisfied with this they are trying to beat the landlord out of his elevators and their hardworking partner out of interest in the deal.

The general public strongly condemns the action of the schemers and farmers are dissatisfied and want other buyers. Verily, the end is not yet. The schemers will find that all people are not suckers by the time they get thru with judge and jury.—J. C. H.

FROM INDIANA.

Grain Dealers Journal: H. L. Combs, who operates the Wabash Elevator at South Whitley, Ind., has purchased the elevator at Sidney, Ind., of J. W. Burwell. Mr. Combs will operate both houses, the one at Burwell being only seven miles distant, on the Nickle Plate Road.

Charles E. Timberlake, who has been bookkeeper for his father, Wm. Timberlake, of Chicago, has bot the interest of W. E. Rich in the firm of Rich & Lawson, at Pine Village, Ind. The style of the firm now is Lawson & Timberlake. In addition to operating the fine dump elevator, the firm will continue in the coal and lumber business. Mr. Timberlake has had four years experience in the receiving business. His many friends wish him unbounded success.

The committee appointed at the recent meeting of the Western Indiana Division of the Grain Dealers National Association to investigate the charges against the Samuel Born Grain Co., of Lafayette, are expected to report soon.—C. F. B.

THE IOWA MEETING.

Grain Dealers Journal: The annual meeting of the Iowa Grain Dealers Association will be held in Des Moines April 24th. I regret that I am unable to give you a program at the present time, but would say in a general way that the Association is in a very prosperous condition, having about 750 elevators included in its membership, a cash surplus of about \$1,000, besides a good amount of office fixtures and supplies. Our governing committee has decided to spend a reasonable amount of money for the purpose of entertaining the dealers.

Our entertainment committee has made arrangements for one of the halls in this city, that includes a banquet room and several committee rooms. It also has a stage on which we will give a vaudeville entertainment. The program, which will include some good papers, is partially arranged as follows: A. H. Bewsher, secretary of the Nebraska Grain Dealers association will talk on the Future Usefulness of Grain Dealers Association; G. A. Stibbens, secretary of the Grain Dealers Union, will talk on the Necessity of an Arbitration Committee in the Settlement of Local Troubles; G. L. Graham, of St. Louis, Mo., chairman of the committee for the purpose of correcting abuses in terminal weights at St. Louis, will speak on St. Louis Weights; W. J. Davenport of Council Bluffs, Ass't. Freight and Passenger Agent of the C. & Q. Ry., will give a talk on Railroads and Grain Dealers Associations; W. C. Bayles, Mt. Pleasant, will speak on the Landlord's Lien Law; B. A. Lockwood, president of the Grain Dealers National Association, will give a talk on the Usefulness of the National associ-

ation. President Warren of the Chicago Board of Trade, has given a partial promise to be present and give us an address, if he is unable to attend he will send a substitute. There will also be an address by a Chicago railroad man, who will speak on railroad matters along broad lines.

We may have a two days' session instead of one. We extend a cordial invitation to all grain dealers, whether members or not, to receiving houses in the different markets to which Iowa is tributary and to the representatives of the different railroads operating in the state. All who attend our meeting are assured of a good time.

There will be reduced railroad rates. A copy of the program with proper invitation and credentials will be sent out one week previous to date of meeting. We want the country grain dealers and the receiving houses to attend this meeting and become acquainted with one another. G. A. Wells, secretary, Des Moines, Ia.

BARLEY IMPROVED BY THE STUHR PROCESS.

Grain Dealers Journal: In view of the charges which have recently been circulated in print to the effect that barley when purified is ghastly and has a sulphur smell, we desire to state that our grades of purified barley do not have the ghastly look or sulphur smell referred to.

In the process we use for purifying, we use a small percentage of sulphur; but we know that it benefits the barley by purifying it. Of course, the method used 25 or 30 years ago is entirely different; and perhaps the fools are not all dead yet, and may undertake to purify barley now by this old method or some inferior method and thereby bring about the results mentioned.

We are expressing the Journal a large sample of our regular standard purified grades, by which we have been making sales and filling contracts during the entire season, and to which standard all our barley is purified. We would like to have the Journal examine the samples closely to see if a sulphur smell can be found or if the barley looks ghastly.—D. H. Stuhr Grain Co., Davenport, Ia.

Close inspection of the samples received shows absolutely no odor other than that natural to the grain. The eye can detect no evidence of bleaching.

GASOLINE BY THE CARLOAD.

Grain Dealers Journal: We feel certain that consumers of gasoline, who operate gasoline engines, could accumulate a large saving in the cost of gasoline by having a tank large enough to hold a tank carload. In buying it in smaller quantities the supply must be procured from local oil stations which deliver either in barrels or in tank wagons. The cost to the owner of such a station of handling the gasoline from tank cars to the consumer in such a way is estimated at one cent per gallon. Adding to this one-half cent per gallon as the station's profits would necessarily make the local price one and one-half cent per gallon over what it would cost delivered in tank cars.

Where the Standard Oil Co. has no competitors its prices are kept 3 to 4 cents per gallon higher than at competitive points; so that any consumer of gasoline who would use forty to fifty barrels per month, we feel confident, would save quite

a little money in erecting a storage tank large enough to take in a tank car. Such storage tanks in the northwest should have a capacity of not less than 7,500 gallons, the more the better, since the range of capacity of tank cars is 3,600 to 8,000 gallons. The tanks should be cylindrical and perfectly tight so as not to lose by evaporation. The cost of such a tank delivered in the neighborhood of Minneapolis, Minn., ought not to be over \$300.—Freedom Oil Works Co., Freedom, Pa.

ADVISES AGAINST SHIPPING TO MISSISSIPPI.

Grain Dealers Journal: Many of our members have believed they could avoid the anti-commercial statute of Mississippi by selling and consigning their Bs L and drafts for same, to their banks, but on a recent visit to Mississippi, I find that the Supreme Court of that state has recently held that where such drafts with Bs L are assigned or transferred to banks, that the banks become the assignee of the shipper, and are therefore liable under their pernicious statutes. With such an unjust statute as exists in the state of Mississippi, and a decision of the Supreme Court of the state backing it up, I find there are very few, if any, dealers in the state but what will take advantage of such conditions and proceed to hold up the shippers for whatever amount they may see fit.

While on my trip to Mississippi, I found a case where one party in Jackson had refused a shipment of five cars of oats, and the oats were immediately sold in the same city for the invoice price. The party refusing the oats immediately garnisheed the money in the bank which the buyer paid for the oats, and in this way he was able to hold the shipper up for about \$100, as it would have cost that much to have defended the suit.

W. R. Fields & Co., of Howe, sold A. G. Russell & Co. ten cars of oats, f. o. b. Texas common points. The oats were shipped out by Mr. W. W. Major of Midlothian, and quite a while after the shipment was made, A. G. Russell & Co. ordered two more cars of oats from Fields & Co., and when the drafts reached Vicksburg for these two cars, they were paid, but under the Mississippi statutes the bank was compelled to hold the money for twenty-four hours, and Russell & Co. promptly garnisheed all the attached money. Prior to this, they had made no claim whatever against Fields & Co., and had not advised of any shortage whatever until after the attachment of the money in the bank.

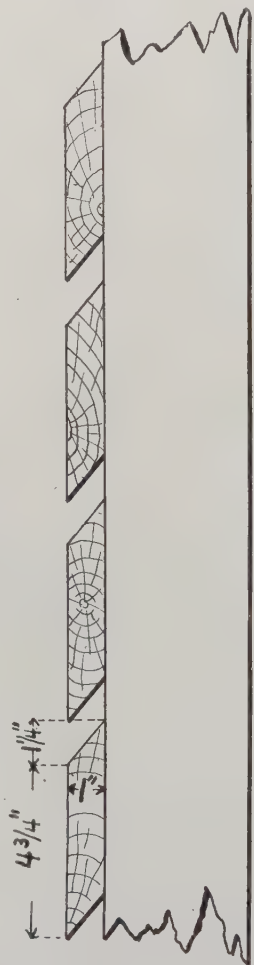
Another case coming under my observation was where Messrs. Pittman & Harrison sold to P. P. Williams & Co. of Vicksburg five thousand bushels of oats for July shipment, and afterwards Williams & Co. wrote them that they were in no hurry for the oats and to ship them out at their pleasure, but later on they demanded prompt shipment of the oats, which demands were complied with but on the arrival of the oats in Vicksburg, after an advance of several cents in price, Williams & Co. garnisheed or attached the money in the bank after they had paid the drafts, and then instituted suit for something over \$600.

You can see how unjust and outrageous such proceedings were, after taking the oats when they were several cents higher and then suing for damages for failure to ship on time, when they had

given unlimited time for shipment. This is one of the largest firms in the state of Mississippi, and had been dealing for years with Messrs. Pittman & Harrison and no difference had ever existed between them, and it may be considered that such unjust action is stimulated by the unjust laws and court decisions of that state.

I simply give these cases so that you may understand how those Mississippi fellows treat shippers with whom they deal for years, and as no such treatment is received at the hands of shippers in other states, it may justly be claimed that it is on account of the unjust laws and court decisions of that state.

After spending sometime in Mississippi



Bevel Edged Boards for Crib.

and investigating several cases where bold "hold ups" were attempted and in some cases carried out, and with the information I have before me, I would advise all shippers, to simply refuse to sell any party in Mississippi, or to sell any party who is going to ship oats to Mississippi, except where the oats are paid for and received and accepted by the Mississippi party or their agent at the point of shipment of the oats. These parties must have Texas seed oats and they can buy them no where else, and I am clearly of the opinion that such a policy would soon result in the modification of the laws of that state. My information convinces me that the shipper has no guarantee, but that any of those parties over there, will at an unexpected time, take advantage of his shipper, even though they have had long

and satisfactory business relations with each other. Simply refuse to sell them, except they pay for, receive, and accept the oats at the point of shipment. This is the only safe way to conduct business with Mississippi people, and I trust every member of our association will consider this matter, and protect all other members and protect themselves against such unjust treatment as is received at the hands of those parties.—Hugh B. Dorsey, Weatherford, Tex.

ASKED AND ANSWERED

POISON FOR RATS?

Grain Dealers Journal: We saw an advertisement in the Grain Dealers Journal some time ago, that was very effective; but we did not cut it out and cannot find it going back thru what copies of the Journal we have. We would be much obliged for any information about it.—Des Moines.

Ans.: We have no knowledge of any such advertisement. Rats can be killed in holes by pouring carbon bisulphide into the burrow. This is the method adopted to wipe out prairie dog villages in Kansas. The bisulphide is effective also in tight bins where a death atmosphere can be created by sprinkling the liquid on top of grain.

BEVEL EDGED BOARDS FOR CRIBS.

Grain Dealers Journal:—Some time ago I read an inquiry in your columns, asking for a corn crib which would protect corn from rain and snow. As a rule, corn is so very cheap that the dealers are not disposed to spend much time or money in an effort to protect the corn on the outside, consequently many ears are damaged by rain, snow and ice, combined with the hot rays of the sun. When shelled, these bad ears reduce the grade of the entire load, and the shipper suffers the loss of many times what it would have cost him to have prevented his corn being damaged.

To my way of thinking, builders of corn cribs have always used material poorly suited to the purpose of protecting stored corn. If the lumber makers would provide boards sawed so as to have bevel edges instead of straight edges, a crib could be constructed which would give thoro ventilation and at the same time protect every ear of corn in it from both sun and water.

Any dealer who has visited his cribs during a rain storm, knows that water will run to the lower edge of side boards and then be blown into the crib by the first gust of wind passing that way. The sun also has easy access and helps to increase the deterioration of the grain. If boards of about 7/8 inch thickness with bevel edges, and sides about 3 3/4 inches wide were attached to the studding as indicated in the accompanying drawing, no rain could find its way into the crib, and very little, if any, snow would get in. I am confident that with such construction, the corn would be better protected than is usual with old style cribs.—N. S. Beale, Tama, Iowa.

Numerous inquiries from bucket shop operators to the Treasury Department at Washington for information show that the snake is squirming.

SEEDS.

New York exported 440 bags of clover seed for the week ending April 6.

"How much will timothy seed shrink during the first six months following harvest? I stored a carload in St. Louis during the winter and a shrinkage of 800 pounds was reported."

S. H. Stevens, flaxseed inspector and registrar of the Chicago Board of Trade, reports the March receipts at Chicago as 306,000 bushels; against 339,750 a year ago. Shipments were 196,943 bushels; against 221,285 in March, 1900.

O. P. Austin, chief of the bureau of statistics, reports the exports of flaxseed during the eight months prior to March 1 at 2,708,000 bushels; compared with 2,732,700 and 2,802,500 bushels during the corresponding periods of 1899-1900 and 1898-9.

Timothy seed amounting to 3,271,000 pounds was exported during the eight months prior to March 1, as reported by O. P. Austin, chief of the bureau of statistics; compared with 10,090,000 and 10,315,000 pounds for the corresponding periods of 1899-1900 and 1898-9.

Clover seed amounting to 32,222,000 pounds was exported during the eight months prior to March 1; compared with 34,606,000 and 24,726,000 pounds for the corresponding periods of 1899-1900 and 1898-9, as reported by O. P. Austin, chief of the bureau of statistics.

The seed buyer who bids new and unheard-of seed shippers more than he does the regular established shipper may not lose money on the seed he buys from the irregular shipper, but he does lose the good-will and patronage of the regular shipper, who has handling facilities and is in the seed business to stay.

Garden seeds will be sold by the yard if the invention of E. Frank Israel, of Wichita, Kan., comes into general use. His machine prepares a string of tissue paper of unlimited length with seeds attached at proper intervals for planting, assuring that the plants will come up in a straight line, and economizing seed.

Chicago shipped during the week ending April 6, 1,590,400 pounds timothy seed, 345,700 pounds clover seed, 174,400 pounds other grass seed, and 15,200 bushels flaxseed; compared with 1,561,900 pounds timothy seed, 281,000 pounds clover seed, 303,400 pounds other grass seed and 31,400 bushels flaxseed during the corresponding week of 1900.

Chicago received during the week ending April 6, 259,200 pounds timothy seed, 182,500 pounds clover seed, 394,200 pounds other grass seed, and 53,900 bushels flaxseed; compared with 792,500 pounds timothy seed, 111,700 pounds clover seed, 359,300 pounds other grass seed, and 31,100 bushels flaxseed during the corresponding week a year ago.

O. P. Lowe and P. H. McCartney are shipping seed from Osceola, Ia. Neither has any facilities for storing or handling seeds; in fact, both are scalpers and disturbers of the first water. Receivers who wish shipments from regular dealers can not expect to gain them by encouraging Tom, Dick and Harry, who are seed shippers one day of the year and stock shippers the balance of the time.

J. F. Zahm & Co.: Receipts of clover seed at Toledo, O., for the week ending April 6 were 1,112 bags, and for the season so far, 67,764 bags; compared with 2,185 bags for the week a year ago and

139,589 for the preceding season. The shipments for the week were 6,742 bags, and for the season, 115,033 bags; compared with 6,035 bags for the week a year ago, and 154,787 bags for the corresponding period of last season.

C. A. King & Co., Toledo: Bulls hold the "edge." They can dictate the price of clover seed. They will be modest. There is no short interest. March receipts have been the smallest, and shipments the largest in any recent year. Stocks are small. There will be none of consequence left here or elsewhere. The enormous crop of 1897 caused panic

GEORGE H. PHILLIPS.

George H. Phillips, that small wiry man who has shown himself to be such a giant in his battle with the Bears on the Chicago Board of Trade, is modest, unassuming, frank and generous; in fact, his unusual frankness has served to disarm his opponents.

Mr. Phillips, although old in experience, is a young man. He was born at Morris, Ill., Jan. 10, 1869. At an early age he worked for his father, who operated an elevator at Morris. While in his father's employ he became thoroughly conversant with the country grain busi-



Geo. H. Phillips, Chicago.

prices. Prices this season have looked high and caused farmers and dealers to market their surplus. The price has made buyers wait until they were compelled to take hold freely. They want more. Most of them will buy here. Part of the stock remaining here cost the owners above present prices. Most of them are holding firm at present.

The Appellate Court of Illinois has decided that losses by trading in puts and calls may be recovered. But it is a mean man who seeks to recover a loss made in a deal ordered by himself.—Toledo Market Report.

Broom corn valued at \$179,400 was exported during the eight months prior to Mar. 1, as reported by O. P. Austin, chief of the bureau of statistics; compared with \$134,200 and \$124,000 for the corresponding periods of 1899-1900 and 1898-9.

ness. About 10 years ago Mr. Phillips decided to try the ways of city life. He came to Chicago with plenty of courage and energy for whatever the future might have in store for him, and ready to tackle the first work that might present itself.

His first position was with Mr. Baringer, a receivers' agent at the C. & A. Ry. track, at \$4.50 per week. From here he went to Geo. A. Seaverns, in whose employ he remained for several years. He left Seaverns to go with H. H. Carr & Co., and several years later resigned to return to Seaverns, with whom he opened a joint account. These relations were continued until a year ago last October, when he again left Mr. Seaverns to go into business for himself. Later he associated himself with a Mr. Hoag of Morris, under the firm name of Phillips & Hoag. This partnership lasted until November 1 of last year, when the pres-

ent stock company of Geo. H. Phillips Co. was organized.

Mr. Phillips has qualities which have made him conspicuous in his meteoric career of the last year—upright, honest, impulsive and enthusiastic, he is ever loyal to his friends. Above all, he has the respect and best wishes of his fellow members on 'Change.

TREATMENT OF OATS FOR SMUT.

It has been estimated that smut in the oat crop of 1900 caused a loss of \$4,000,000 to the farmers of Illinois. This being so there must have been a loss to the country grain men, and enough to have them take an interest in the method of the treatment of seed oats to prevent smut.

In the spring before seeding time, when the roads are breaking up, the ele-

deg. F. The barrel shud be placed near the kettle of hot water and filled with cold water. About two bushels of seed oats are placed in the sacks and the sacks are then dipped in the hot water and stirred around in it so that the oats in all parts of the bag will be treated alike. To handle the sacks, a sweep, arranged as shown in the illustration can be used to advantage. After treating the oats for five minutes in the hot water of the required temperature, dip at once into the barrel of cold water. This is done to cool the oats and prevent steam from collecting in the center of the bag.

A few precautions should be observed. The thermometer should be correct at 135 deg. F. The temperature of the water should not fall below 132 deg. F as the smut will not be completely destroyed; or rise above 140 deg. F as the germinating power of the oats is likely to be im-

ILLINOIS VALLEY DEALERS MEETING.

The regular monthly meeting of the Illinois Valley Grain Dealers Association was called to order at 8:15 by Pres. J. F. Kilduff at the Plumb House, Sreator, March 28. The minutes of the previous meeting were read and approved. They showed that five new members had joined the association at the last meeting.

The president asked if any of the dealers had any complaints to make. No one presented any. One dealer said: I do not see how there could be any complaints, as we have received no grain from the farmers since the last meeting on account of the bad roads.

The following dealers joined the association: Winter & Hoarity, Munster; John Bowlin, Munster; H. Thom, Garfield; H. Deffenbaugh, Reading; Ed. Mil-



Treating Seed Oats for Smut at Illinois Agricultural Experiment Station.

vator man generally has some spare time on his hands which could be used to advantage in treating seed oats for smut.

We are indebted to the Agricultural Experiment Station of the University of Illinois for the accompanying cut as well as the following information.

Seed oats can be treated so as to destroy the vitality of the spores of the smut and not injure the life of the oat kernel, and the seed so treated will raise a crop of oats free from smut. A treatment every fourth year will keep the oats practically free from smut.

The method used is the immersion of seed in hot water, and the apparatus consists of an ordinary scalding kettle, a barrel, several gunny sacks and an accurate thermometer. The kettle shud be two-thirds full and the temperature of the water raised between 132 deg. F and 137

paired. If the oats are sown while wet two pecks per acre extra measure should be allowed.

Hy. H. Smith, secretary of the New Orleans Board of Trade, reports the movement of rice at New Orleans during the eight months prior to Apr. 1, as 813,322 sacks rough received and 769,986 sacks shipped; compared with 850,747 sacks received and 848,079 sacks shipped during the corresponding period of 1899-1900. Receipts of clean rice were 51,012 barrels; compared with receipts of 11,409 barrels during the corresponding period of 1899-1900. The stock on hand Apr. 1 consisted of 83,892 pockets of No. 1, and 450 pockets of No. 2; compared with 12,993 barrels of No. 1 and 510 barrels of No. 2, a year ago.

ler, Anconia; Bell Bros., Lostant; O. B. Wheeler, Longpoint; N. Eisenhauer, Dimmick; J. D. Ball, Toluca.

There was some discussion in regard to the margin on which grain shud be handled as well as the handling of grain through the elevator for farmers who wish to try the experiment of shipping their own produce.

Ed. Miller, Anconia: I handle all my grain on a certain margin of profit per bushel. But will not consign for farmers, I buy the grain outright or do not handle it at all.

F. L. Ream, Lostant: I can't handle grain on a half cent margin for I can't make it pay. We ought to have a profit that is equitable and right and figure on one cent a bushel margin.

E. J. Noble, Chief Grain Inspector at Chicago, was introduced and spoke as

follows: I presume the object of inviting me to your meeting is to object to our inspection. Your secretary said I could talk on any subject, but the subject that you are most interested in, is grain inspection in Chicago.

Organization of grain men into associations is a benefit to you all. I have noticed the membership increase. I believe in organization in all businesses. I think your organization has been instrumental in equalizing the prices that you pay. I believe that you are willing all should have a living profit. Farmers who are not willing to live and let live will soon find themselves without a market.

I find an erroneous idea exists in regard to our inspection department. We hear that we inspect grain differently for track buyers than for commission men. I wish to explain our method so that you will see that all are treated equally.

We have inspectors in all the railroad yards entering Chicago. The cars of grain that are to be inspected are switched onto the inspection tracks. Our men open the doors and take samples from different parts of the car. There are no marks whatsoever on the car to indicate to whom it belongs. The only record our men get is the kind of grain and the car number and initials. This record is brought to the office and copied into books of the different roads over which the grain arrives.

We have requests for duplicate inspection certificates, we issue them promptly without caring who they are for. Our records showing the grading of grain are open to the public.

Suppose a shipper knew one of our inspectors and persuaded him to give his grain a good grade. His record book and samples would come to our office. The samples are taken on the board and Mr. Smillie spends an hour or so every day looking at them and would correct any error. We have never had occasion to discharge an inspector for unfaithful work.

An inspector is but human, you can never get grading of grain down to a mechanical basis. Grain does not look the same on different days. Corn and wheat differ in different kinds of weather. Corn coming from the west good and dry arrives in Chicago and perhaps takes up a dampness; in the summer time maybe it gets into a sweaty condition and deteriorates by being blocked in the freight yards.

Grain also loses its grade on account of the dirt in it. Dealers do not have facilities for cleaning.

Handling the amount of grain that we do, we do sometimes make mistakes, and it is remarkable that we have as few complaints as we do.

On the grading of grain for out shipment we have about one complaint for every 25,000,000 bushels inspected. We have many complaints on in-coming grain, for it represents a good many shippers from different parts of the country. Often on complaint the grading is changed on re-inspection, if it is not the shipper has recourse to the appeals committee, by paying \$5.00 per car. This is the supreme court of the inspection department. They cannot get as good men on this committee as our inspectors are, for they do not have the experience in the handling of as much grain. You better have Mr. Smillie give his opinion as final instead of the appeals committee.

No man is dishonest without a cause, we have no reason to do otherwise than

good work. We are disinterested, we do not know who consignor or consignee is. Our purpose is fairly and impartially to inspect grain in and out of Chicago.

I received a sample of wheat from Des Moines asking our opinion on it. It graded No. 3. We then received a letter from another party stating that the wheat from which the sample was taken was in Chicago on track and had been graded No. 4. We immediately got new samples and found the weights varying from 51 to 55 pounds to the bushel and contained about 5 per cent of dirt. I showed the shipper how he had been deceived by the party who sent in the sample.

The Chicago papers show that no No. 1 wheat is received in Chicago, but that considerable is shipped out. This is because much grain coming to Chicago is first sent to the cleaning houses.

Forty per cent of No. 3 oats would grade No. 2 if cleaned. The contract grade in Chicago is No. 2 mixed oats. Chicago is trying to make No. 3 white oats deliverable on contract. Winter shelled corn is hard to dry out and invariably grades lower. The natural way to cure corn is on the cob.

F. N. Rood, LaRose: Does the inspection department get more strict when a corner is on?

Mr. Noble: No. The long man wants as little as possible to grade, while those who are short want all possible to grade. There is not a drinking man on the Chicago inspection department. We do not employ them. No man is put on on account of a political pull. All have to pass an examination before they can be hired.

Frank J. Delany, Chicago: Does it work to disadvantage to have a car loaded too full of oats, so the inspector can't get a good fair sample?

Mr. Noble: Some are inspected subject to approval. The oats are, for example, graded No. 4 whereas if we could get in and get a fair sample they would grade No. 3. I wish you success in your organization, and hope you believe that the inspection in Chicago is fair.

It was moved and carried that a vote of thanks be tendered to Mr. Noble for his kindness in coming to the meeting.

C. A. Johnson, Division Frt. Agt., of the C., B. & Q.: We consider 30,000 pounds as a minimum load of oats. We have had crops of light oats of which it was almost impossible to get a minimum load in a car. I believe railroads want to do what they can to help shippers.

J. W. Rhodes of I. C. R. R.: We haul a great deal of grain to New Orleans. I try to impress on our shippers to cooperate carefully cars. We would rather furnish extra grain doors than have shortages to pay.

C. D. Dillin, Chicago: We feel peaceable, very little fight in us, we work harmoniously and hope to continue so.

Bills to the amount of \$2.68 incurred by the secretary during the past month were ordered paid.

F. M. Shaw: There is a very obnoxious bill before the legislature to compel railroads to furnish cars on 24 hours notice. I move that the secretary be instructed to send a notice to the representatives in this district to vote against it.

The motion was carried.

Geo. Beyer, Depue: I do not think railroads ought to be compelled to furnish cars on 24 hours or 48 hours notice.

B. F. Walter, Traveling Representative of the Illinois Grain Dealers Association,

read a letter issued by the State Association to the dealers, protesting against the passage of the bill referred to by Mr. Shaw.

F. M. Shaw: I have been a shipper of grain to terminal markets for a great many years, and I have found the inspection department far ahead in Chicago of many, and equal to all. I move that this association endorse the way in which Mr. Noble has handled the Chicago inspection department.

There was some little discussion on this motion. Arthur Sawers, Geo. Beyer, G. A. White, O. T. Wilson, C. L. Douglas speaking in favor of it while F. J. Delany, J. W. Radford and one or two others spoke against it.

The motion was lost.

F. L. Ream, Lostant, moved that the association hold its next meeting on the last Thursday in April at the Plumb House, Streator. Carried.

The meeting then adjourned.

A LITTLE CONVENTION SMOKE.

Over fifty in attendance.

Twelve Chicago firms were represented. One man from Iowa. J. G. Turner, Cumberland, Ia.

Gus was asked to tell how he wrote those red letters.

The Grain Dealers Journal was represented by J. Carver Strong.

E. J. Noble and S. H. Smith represented the Chicago Inspection Department.

It was a very interesting meeting to all, or nearly so, one man only falling asleep.

Some railroad men were present: R. V. Holder of the C. & N. W. Ry.; C. A. Johnson of the C., B. & Q. Ry.; W. L. Ross of the I., I. & I. Ry.; J. N. Rhodes of the I. C. Ry.

Those who joined the local association and who were not already members of the Illinois Grain Dealers Association, joined the state association, in accordance with the request of President Kilduff of the local association.

Chicago was represented as follows: Bartlett Frazier & Co. by C. G. Case; Churchill-White Grain Co., by G. A. White; Calumet Grain & Elevator Co., by Arthur Sawers; J. A. Edwards & Co., by J. M. Hunter; H. Hemmelgarn & Co., by Oscar C. White; Nash-Wright Co., by Frank J. Delany; Neola Elevator Co., by C. D. Dillin; Pope & Eckhardt Co., by J. W. Radford; Richardson & Co., by H. H. Haines; Van Ness & Wilson, by L. B. Wilson; W. R. Mumford Co., by Wallace Armstrong; Ware & Leland, by G. W. Ehle.

The following dealers were in attendance: Peter Eschback, Leonore; V. L. Anderson, Annawan; Geo. Beyer, Depue; John Bowlin, Munster; J. T. Ball, Toluca; A. H. Bell, Lostant; M. K. Craft, Kangley; Geo. C. Dunaway, Utica; C. L. Douglas, Marseilles; H. Defenbaugh, Reading; N. Eisenhauer, Dimmick; W. D. Holly, Peru; Thos. Hoarty, Munster; G. E. Hill, Grandridge; G. B. Hager, Dwight; J. H. Harlan, Utica; J. A. Henning, Lostant; M. J. Hogan, Seneca; J. A. Jameson, Marseilles; J. F. Kilduff, LaSalle; J. J. McTurn, Tonica; W. D. Merritt, Dwight; F. N. Rood, La Rose; F. L. Ream, Lostant; H. J. Ruckrigel, Ottawa; F. M. Shaw, Ladd; R. M. Stoddard, Toluca; H. Thorn, Garfield; W. G. Wilson, Lostant; O. B. Wheeler, Longpoint; O. T. Wilson, Morris; Wm. Winters, Garfield; E. H. Wilson, Lostant.

THE KURTZ CONVEYOR CAR LOADER.

It is rather a slow, tedious job to load a car of grain when it is necessary for the elevator man to get into the car and shovel it back from the door. Besides this, he breathes the dust laden air, which sooner or later impairs his health.

To obviate all this the Screw Conveyor Car Loader illustrated herewith was designed.

This loader consists of a screw conveyor encased in a tube, on the end of which is a drum enclosing a fan; which throws the grain to both ends of the car at the same time.

The conveyor box is fastened to the building under each loading spout by means of hooks. The drum end is suspended from the ceiling of the car by means of thumb screw, clamp, hook and

TEXAS CROP REPORTS.

We are indebted to Secretary Hugh B. Dorsey, of the Texas State Grain Dealers association, for a number of reports from members on the condition of growing grain in Texas. From them we take the following:

H. W. Coit, Renner, Mar 31st: 50 per cent would be a low estimate of the damage to wheat done by insects, and Spring oats are about all gone. Indications are good for the remainder of the crop to go the same way. Farmers will plant all the corn they can get in, in time, and will then resort to cotton.

Pioneer Mill & E. Co., Stamford, Apr. 1st: Wheat in good condition, but needs rain in some localities. No bugs. About 20 per cent decrease in acreage.

Seley & Early, Waco, Apr. 2: There is no complaint about the damage to grain by bugs and flies, and we do not

same as last year; extra wheat acreage goes into cotton.

Pilot Point Grain Co., Pilot Point, Mar. 29: So much damage done we cannot estimate. Never saw anything like this before; crop total failure. Good rain falling today, which should change the status of the crop. Oats seem to be suffering same as wheat. Decrease of 20 per cent in wheat acreage; about the same in oats; increase of about 25 per cent in cotton and 15 to 20 per cent in corn.

James M. Gray, Cleburne, Mar. 29: Outlook for wheat and oats very poor; almost impossible to make a crop, or even a half crop now; needing rain badly. Several farmers ploughing up wheat. Hessian fly is the principal cause.

Cleveland & Roebuck, Cleburne, Mar. 29: Bugs have done but little or no damage to the wheat crop; suffered some for rain. However, good shower falling today; wheat acreage reduced 25 per cent from last year. Corn and oats acreage same as last year.

F. S. Windle, Britton, Mar. 29: No serious damage has yet been done, but farmers are making some complaint. Wheat, oats and corn are needing rain more than anything else. Good rain this evening, but not as much as is needed. Acreage of wheat, oats, and corn is about the same as last year.

J. Howard Ardrey, Godley, Mar. 28: Conditions here are far less favorable than at this time last year. More damage is being done by the extremely dry weather than from the insects that are damaging the grain crop in other sections. Little complaint is heard from the farmers as to these insects.

W. C. Price & Co., Lampasas, Apr. 3: The bug which is ruining the northern Texas wheat has not made its appearance. Wheat and oat acreage nearly 60 per cent less than last year. Condition of wheat quite gloomy. It is poor, backward, and has suffered greatly for rain. Jan. and Feb. oats still suffering for rain. Spring oat acreage will run about 10 per cent more than last year.

W. H. Wingo, Wills Point, Mar. 29: Insect has not put in appearance. Not very much wheat raised in this section. Grain acreage considerably less than past season.

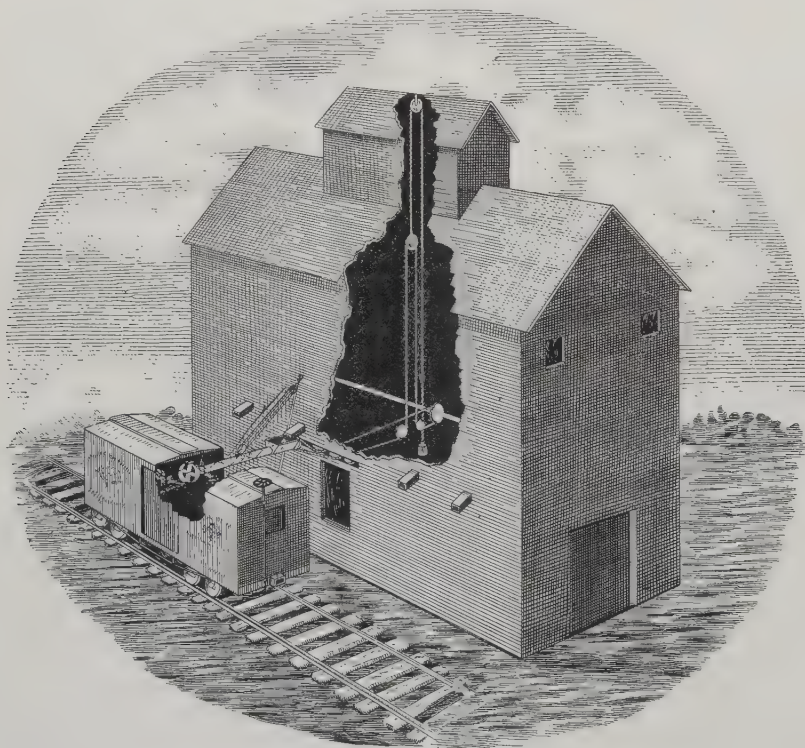
Hays Bros., Crowley, Mar. 29: We have lots of the pesky little suckers and they have ruined some wheat. Farmers are ploughing up some crops. Acreage wheat and oats not so large as last. Corn and cotton some larger.

McElroy & Woodruff, Southmayd, Mar. 29: Complaint about bug or louse infesting wheat is general; can't expect over half a crop, if the pest should stop now. Some fields look fairly well, while others are bare.

J. E. Foust, Grapevine, Mar. 29: Wheat is not hurt; there has not been any ploughed up, but some farmers have been much excited. One of the hardest rains I ever saw today. Acreage about same as last year. Oats short and hurt worse than wheat.

Dale & Powell, Bartlett, Mar. 29: Small grain crop will not be over one-third last year. Farmers were so busy gathering high-priced cotton they failed to sow grain. Corn acreage 10 per cent larger.

J. F. Weiser & Co., Hico, Mar. 29: Small grain is not suffering from insects but from exceedingly dry weather. Decrease in wheat 40 per cent; increase of 15 per cent in oats acreage.



The Kurtz Conveyor Car Loader.

chain. The loader itself is handled by means of rope and tackle as shown in cut.

The loader is driven by a rope drive, the long tension of the rope permitting an extension when changing the loader to a farther chute. Its advantages are convenience in adjusting to any number of chutes, loads both ends of a car at the same time, loads a car to the roof at the center as well as both ends, no matter how low down the chutes are the conveyor carries the grain to the fan at center of car.

A modified form of this loader is also made which will load ear corn as well as small grain, but only loads one end of car at a time.

This loader is manufactured by H. Kurtz & Son, Sac City, Iowa, from whom further information can be obtained.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

think the pest exists in our vicinity. Since recent rains, oats and wheat look well; acreage much smaller than last year, but quality bids fair to be good.

Womack & Sturgis, Taylor, Mar. 29: Practically no wheat, and very small oat acreage; no trouble from insects; small grain crop lighter than for several seasons on account of cotton being ungathered in time for Fall seeding. Corn acreage will be about the same as last season; considerable increase in cotton.

H. B. Sears, Valley Mills, Mar. 29: No damage or very little by the bug or worm; wheat looking very well; prospect good, but hardly as good as this time last year. Acreage is cut short about 25 per cent; oat acreage also cut; prospect very gloomy at present.

Kell & Gibbs, Clifton, Tex., Mar. 29: No complaint of the wheat insect in Bosque County. Wheat in good condition, though we would be glad to see a rain. Acreage of wheat 15 per cent less than last year; corn acreage about the same. Oats not raised much; acreage

Cy Williams, Norman, O. T., March 29: Wheat prospects never better; we are having a good rain. No sign of any insect bothering grain. The increase in acreage of wheat about 10 per cent over last season. O. T. will harvest the largest crop in her history. Oats doing fairly well. Acreage same as last year. Corn not up yet, but land is in fine shape for a good crop. Acreage equal to last season.

Midlothian Grain Co., Midlothian, April 1: Many of our farmer friends say wheat is entirely ruined and fly is now working on oats. They are worse north of us than south. Corn is up with a good stand.

J. A. Stephenson, Alvarado, Mar. 29: Practically no damage from bugs in this section; had a fine rain today. Reduction in acreage, wheat 20 per cent, oats 10 per cent; corn same as last year.

Keel & Son, Gainesville, Mar. 29: Between Sherman and Whitesboro both wheat and oats are ruined, but up the 'Frisco from Denison saw little wheat and same not damaged. Oats just up, not damaged. In the big wheat and oat belt of this county, both cereals are ruined. Under most unfavorable circumstances, cannot make more than one-fourth crop.

G. B. R. Smith & Son, Howe, Mar. 29: About one-fourth of wheat and oats have been damaged, so it is necessary to replant in corn or cotton. The bug seems to be leaving now, and we do not anticipate much more damage.

Howe Grain & Merc. Co. Howe, Mar. 29: Wheat and oats crop considerably damaged. Cannot say what per cent destroyed as the pest is still at work. Had a big rain here today.

J. T. Starke & Co., Plano, Mar. 29: Wheat and oats crop damaged at least 50 per cent. Damage most to Spring oat crop. We are having one of the heaviest rains we ever saw; farmers of opinion it will help wheat and oats, by destroying bugs and making grain grow faster. If bug continues to work ten days more, wheat and oat crop will be an entire failure. Acreage compared with last year, wheat decreased 20 per cent; oat increase 10 per cent.

J. H. Roper, Itasca, Apr. 1: Bug or louse is damaging grain here, but only in spots. Acreage 25 per cent less than last year.

W. H. Griffith & Co., Godley, Mar. 28: Every farmer is complaining of wheat pest. Few crops, but show signs of the bug or fly. Wheat 40 per cent short. Oats same as last year. Corn 25 per cent increase.

John Williams, Bells, Mar. 29: Bugs have not damaged grain very much yet; only been here few days. Raining here all day; rain will put new life in the wheat and oats.

E. R. & D. C. Kolp, Henrietta, Mar. 29: We estimate the acreage in wheat as being 25 per cent increase in Clay, Wichita, Wilbarger, Hardeman counties. Oats decrease 10 per cent in countries mentioned. Little actual damage done here by grain louse, although the fields are full of them. Needing a good rain worse than anything.

McD. Reil, Stephenville, Mar. 30: Wheat looking well. Dry weather principal complaint. Only one farmer reports bug or fly which he says is injuring his wheat badly. Acreage same as last year. Oats doing well. Acreage 20 per cent decrease from last year.

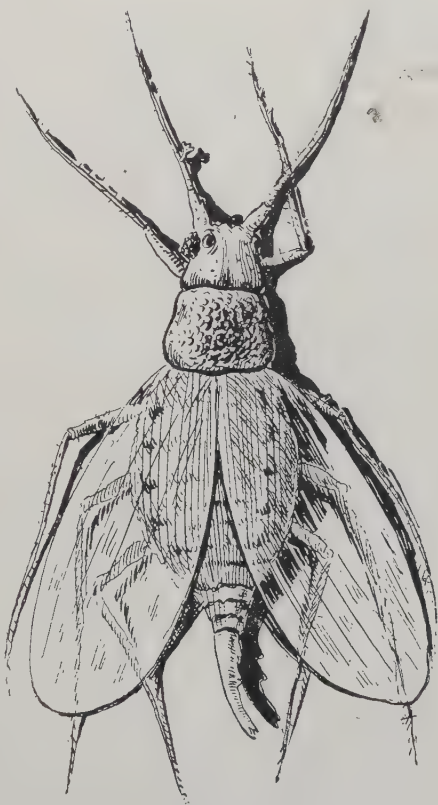
Robt. L. Brown, Layon, Mar. 30: We have the green bug with us in unlimited numbers, they have done a good deal of damage to grain but think there will be a change for the better soon.

Baker & Chapman, Rio Vista, Mar. 29: Acreage 20 per cent less than last year, prospects very flattering for a good crop. Little complaint about damage by flies or bugs.

S. H. Colwick, Clifton, Mar. 30: Wheat in fair condition, but wanting more rain so as to spread. No bugs. Acreage 20 to 25 per cent less than last year.

Brazzelton & Johnson, Stamford, Mar. 30: No fly or insect bothering the wheat, in fact crop prospects better than at this time last year. Acreage increase of 10 per cent.

W. T. Herrick, Whitney, Mar. 30: No complaint of bugs or louse in wheat. Crops look as well as last year. Acreage



The Toxoptera Gramines.

less than half of last. Oats about the same; corn same.

Pittman & Harrison, Sherman, Mar. 30: About a week ago, it seemed both wheat and oats would be ruined, in fact some crops were ruined and the ground replanted with cotton or corn. Few warm days this week, prior to the heavy rain of yesterday, seemed to check work of insect to a great extent; prospects now better than a week ago today. Damage in this county is fully 25 per cent on wheat and oats. Bugs are still with us.

J. E. Davis, Millford, Mar. 30: No complaint of damage to wheat; prospect good. About 30 per cent decrease in acreage, in oats, 15 per cent increase in corn, 20 per cent decrease in wheat.

Garland Roller Mill Feed & Grain Co., Garland, Apr. 2: Wheat and oats badly damaged by green bugs; about 40 or 50 per cent to wheat, 40 per cent to oats. Acreage about like, but sown later than

last year on account of dry weather in the fall. Plenty of rain of late.

Merchant & Ellison, Quinlan, Mar. 30: Fly is ruining the wheat and also the early oats; worse on oats than on wheat. Not very much wheat planted in this section, but oats and corn are about the same as last year. Farmers say if the wheat and oats are ruined they will put in corn.

W. H. Dowlen & Son, Windom, Mar. 30: In regard fly, there is some complaint, not at all general. Acreage as compared with last year, wheat decreased; oats and corn slightly decreased.

W. S. Thurston, Nocona, Mar. 29: Acreage of wheat, oats and corn same as last season. No farmers report damage by insects. Rain badly needed.

INSECT DESTROYING TEXAS GRAIN.

The accompanying cut shows an insect that is reported by the Modern Miller, to be infesting the wheat field of Texas in great numbers, and doing much damage. The pest is known as Toxoptera Gramines and as yet no means have been discovered for its extermination.

Government experts have begun investigations in regard to it. So far they have found that the insect has only appeared in fields on which wheat has been sown exclusively for several successive years. But where the land has been pastured by stock or sown to cotton it has not appeared. It is stated that cold, damp weather favors its development, and the conditions have been favorable. Professor Malley, one of the government experts who is now devoting his attention in studying the nature and habits of this little pest, has made his first report of his labors, which is as follows:

"This pest does its injury by having sharp beaks with which to puncture thru the skin and suck juices beneath, hence I would urge the people not to spend their money for the arsenical and paris green poisons, as it is worse than money thrown away. I am urged to caution the people against this from the fact that there are those who are using these poisons as antidotes to this pest. I desire to urge against the plowing up of the wheat or oat fields. I find that wherever this is done the young corn coming up from spring planting is seriously attacked, and if the wheat or oats are plowed under now, the attack on the corn later will be all the more injurious. The fact is that this pest to wheat will likely remain for a couple of years at least, and the only way to overcome it is by intelligent insect warfare."

Prof. W. G. Johnson, State Entomologist of Maryland, who has given years of study to insects infesting grain, pronounces the insect nothing new—simply the grain aphid, *Nectarophora avenae*. He says, the grain aphid was quite common in wheat last season in Eastern and Southern portions of the United States. It was sent to him from many localities where it was mistaken for the green fly. It attacks the plant much like the small green fly so often seen around rose buds. The insect is green at first, almost the color of the leaf upon which it is feeding. It inserts its lance-like beak into the plant and sucks the juices out, leaving only a dead and shriveled plant.

Now who is mistaken—Prof. Malley or Prof. Johnson?

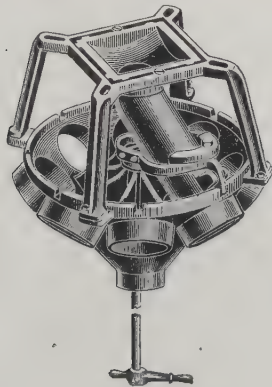
The railroads have granted a rate of fare and one-third on the certificate plan for Des Moines meeting.

HALL GRAIN DISTRIBUTOR.

The dockage, for mixing different kinds of grain, is one of the greatest drains on the profits of the country shipper of almost anything known in the grain business. Accordingly since a grain distributor absolutely prevents mixing, it has come to be one of the most important parts in the equipment of a grain elevator.

The Hall Distributor, has recently been improved so as to avoid all chance of not being placed up right, as has been the case when some inexperienced person has not been able to follow explicit directions and blueprints which are sent out with each machine.

The improvement consists of the frame attachment as shown in the accompanying cut. Heretofore the Distributor has been connected to the elevator head by two separate fastenings, that is to say, the hopper was fastened under the head and the case attached to timbers on the upper part of the head. Ofttimes the Distributor which was installed after the hopper would bind in the upper part of the spout by imperfect adjustment of the fastenings. And even when the work was properly done, the shrinkage and uneven settling of the woodwork of the elevator would cause the parts to bind. In each case this



Hall Grain Distributor.

would cause the operator to bring an unnecessary strain on the operating rod when moving the spout.

In the improved form as now constructed, the distributor is entirely self-contained. The hopper and spout are accurately fitted and adjusted in the frame at the shop and hence will work smooth and with absolute precision regardless of the manner in which it is fastened to the elevator head. However the frame is provided with four slots for bolts or hanging rods; so that any unskilled workman can properly attach it to its place.

Cast iron sleeves are now sent out to insert in the overflow spout where the operating rod passes through it, thus insuring absolute freedom for the rod which is in fact part of the locking device.

This Distributor, with its unique overflow signalling device which absolutely prevents the mixing of grain, is very simple in construction.

The Distributor is now in general use in all the grain states and Canada, while some have been shipped to Austria-Hungary. It is manufactured by the Hall Distributor Co., of Omaha, Neb.

SUITS AND DECISIONS

In a suit to recover for breach of contract the actual damages can not exceed the net amount which could have been earned under the contract.

Charles D. Crawford has brot suit against J. C. Stewart & Co., for \$10,000 damages for injuries alleged to have been sustained while at work on elevator B at Galveston, Tex.

Owen L. Brining, Leroy, Ill., has brot suit against the Western Union Telegraph Co. to recover \$500 for failure to deliver a message accepting the bid of a New Orleans firm on 10,000 bushels of oats.

John Enright has been given a verdict for \$10,000 damages for the loss of a leg in the elevator of George A. Seaverns at Chicago. The accident occurred while Enright was operating a power grain shovel.

Judge Leventritt of the New York Supreme Court has rendered a decision that proceeds of sale of a seat in the New York Stock Exchange cannot be applied to debts contracted outside of the Exchange.

In an action against a telegraph company for a failure to deliver a telegram in due time, it is incumbent on the plaintiff to prove affirmatively that damage resulted from the failure to deliver. 37 S. E. Rep. (Ga.) 870.

A contract by which a boiler maker agrees to deliver and set up boilers of a specified capacity, to be determined by a test made after they are set up, is executory, and may be rescinded by the purchaser if the test fails to show compliance with the contract.

The Western Malting & Elevator Co., of Chicago, has brot suit against John C. White to recover \$1,260, the balance alleged to be due on a shipment of grain. White, on the other hand, accuses plaintiff of breach of contract and presents a counterclaim of \$5,058.

Notwithstanding a bill of lading provided that the railroad company would not be liable as a common carrier after the freight had reached its destination, public policy so modified the contract as to give the consignee a reasonable time within which to remove the goods after arrival before such liability ceased. 29 So. Rep. (Ala.) 203.

Where in the sale of a machine, an express conditional warranty is made as to its capacity for work, the purchaser is confined, in an action for breach of warranty, to the conditions named, unless they have been waived by the seller, and he cannot recover on proof merely of a breach of the warranty ordinarily implied in the sale of an article for a special use.

The right of one who has purchased boilers to rescind the contract after they have been delivered and set up, because they are not of the capacity guaranteed, extends to an iron smokestack furnished under the same contract, and which is a part of the boiler plant, adapted especially for boilers of that manufacture. *Smith v. York Mfg. Co.* (Supreme Ct. N. J.) 33 Atlantic Reporter, 244.

In an action on a contract by which one employed another and agreed to pay him a certain percentage of the amount of business done by him, the one employed is entitled to an inspection of the other's books, to enable him to make out his statement of account, preparatory to bringing the evidence before the

court. *Churchill v. Lesser* (Supreme Ct. N. Y.) 35 N. Y. S. Rep. 310.

Dannemiller & Co., of Canton, O. bot of Allen, Kirkpatrick & Co., of Pittsburg, a car load of coffee. It was shipped via the Cleveland, Canton & Southern Railroad, but en route was lost in a flood at Zanesville, O. The buyers sued to recover, claiming the goods had not been delivered to them. The decision of Judge Frazer, of the Allegeny County Court, was in favor of the Pittsburg firm, virtually that under the "free-on-board" clause, the shipper's responsibility ended with locking the car doors in Pittsburg.

Where parties acting as agents for others, knowing that their purpose was to gamble in wheat, and they acted as their agents in furtherance of such purpose, they cannot recover commissions or the advances made by them on behalf of their principals. Whether in making such purchases or sales, the agent in such a case enters into legal contracts is immaterial. If he does he exceeds his power and cannot recover his advances. If he does not, if the other party to the purchase or sale merely intends to gamble as well as the agent's principal, then the transaction is illegal on both sides, and the agent who brought it about cannot recover his advances or commissions. The agent in such a case cannot recover if he brings about a sale which on one side is untainted with the gambling intent, for such a deal he had no power to make; and he cannot recover when he loses money in bringing about a deal which is illegal on both sides.

The Iowa Supreme Court has reversed the decision of the district court in the case of the Mickelwait & Young against the Western Union Telegraph Co. In transmitting a message from Captain M. T. Russell at Des Moines the telegraph company made a bid on oats one cent higher. On delivery Russell would pay only the amount he bid, 20½ cents, and at that plaintiffs made a profit of \$73. Suit was brot for one cent on 18,200 bushels. The court said: Plaintiffs claim a loss of profits. If this were a case where loss of profits might be considered, still we think they could not recover. The mistake in the message caused them no loss in profits; for, if it had been correctly transmitted, they would have been in the same situation they now are. They obtained from Russell the exact price fixed in his message as it should have been sent. There is no showing that the work of procuring the corn was worth more than the margin of profit received. Plaintiffs make in argument a claim for one-half cent per bushel for handling the corn. There is no such claim, however, in the petition. It is wholly unnecessary to cite authorities to show that plaintiffs cannot recover damages without first showing some injury. Reversed.

Plaintiff sued for commissions for purchasing property for defendants, on the theory that with defendants' knowledge he was to receive commissions from both defendants and the vender. Plaintiff, however, during the negotiations, had written a letter to defendants stating that if they were under the belief that he expected to receive commissions from both sides they were mistaken; that if he received a commission from the other side, he would charge defendants only for legal services. On receipt of this letter defendants forwarded the purchase price. Plaintiff testified that the

letter was written at the instance of an agent of defendants, who promised him other business from the company sufficient to pay him for the release of commissions. Held, that as defendants' agent could have no authority to deceive defendants, and as the jury might have found that defendants acted on the strength of the letter, it was an error to instruct for the plaintiff that, where both parties to a sale have noticed that an agent acts for both, he may receive compensation from both, and that if the letter releasing commissions was written in consideration of further business, which they refused to give plaintiff, he was entitled to recover. 84 N. W. Rep. (Iowa) 1059.

WEIGHING DEPARTMENT FOR ST. LOUIS.

The committee of eight of the St. Louis receivers is still working earnestly to obtain improved weighing facilities for their city and no doubt will soon succeed.

On Apr. 3, a petition was presented to the president and directors of the Merchants Exchange urgently requesting the organization of a weighing department, with proper rules and regulations to appoint, and employ, at as early a date as possible, one or more competent supervisors of weighing on each side of the river, (St. Louis, Mo. and East St. Louis, Ill.) whose duty shall be to examine continually, all scales, giving strict attention to the manner in which weighing is done, at public and private elevators, mills, and private industries, also wagon scales, in St. Louis, Mo., and East St. Louis, Ill., where grain received or shipped is weighed, and to all the circumstances attending such weighing, making daily reports to the Board of Directors of the Merchants Exchange, or to the proper officers thereof, of all the above scales, and the manner of weighing.

"And that, reports of scales found to be defective, and reports of and irregularities in weighing, or in the circumstances attending same, of any nature whatever, be posted on the floor of the Merchants Exchange, and remain so posted, until said defects or irregularities have been rectified or remedied to the entire satisfaction of the executive officers of the Merchants Exchange."

This is exactly what the St. Louis market has long needed. The weighing of grain arriving in car load lots by a dozen different authorities and by the buyers, can not help but result in shortages. With all the weighing done by a department under the management of the Merchants Exchange, few complaints would be made of shortages in shipments to St. Louis. Such a weighing department would of itself prove an attractive card and increase the grain receipts of the city.

England is considering a revival of the registration duty of one shilling a quarter on imported grain.

Our exports of rice for the eight months prior to Mar. 1 were 976,800 pounds; compared with 2,489,200 pounds during the corresponding period of 1899-1900, as reported by O. P. Austin, chief of the bureau of statistics.

Bucket shop proprietors are still plying their nefarious trade. The law effective Apr. 1, is postponed until May 1, under a ruling of the department of internal revenue, allowing 30 days before enforcing any revenue law.

THE MONITOR SEED CLEANER.

A cheap seed cleaner invariably results in much valuable seed landing in the tailings' bin, and some dirt going with the good seed. So many country seed shippers are using the cheapest seed cleaner obtainable that traveling buyers can well afford to startle them occasionally with high bids for accumulated offal. The fact that they can afford to pay good prices for the screenings shod of itself be sufficient evidence to convince the shippers that their facilities for cleaning seed are defective.

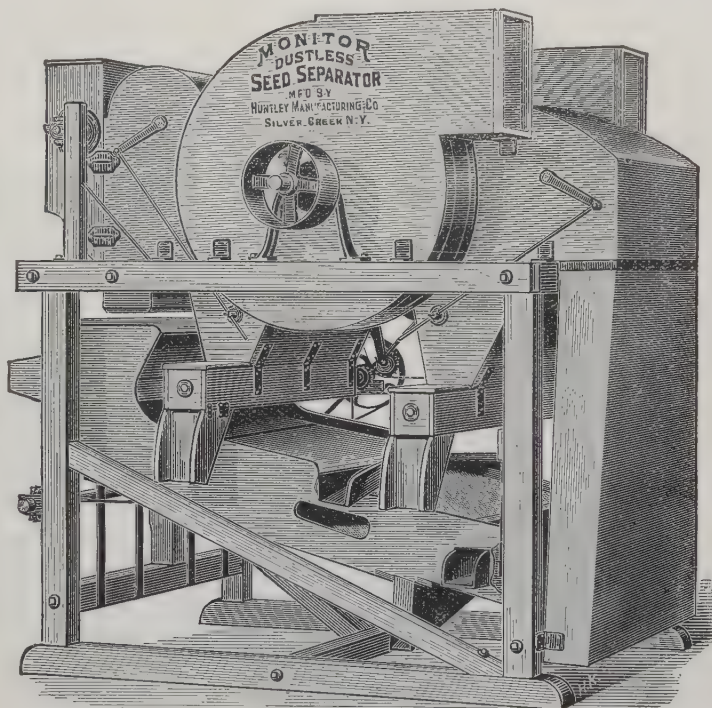
One of the most satisfactory seed cleaners on the market is the Monitor Dustless Seed Separator, illustrated herewith. It is well made of the best materials obtainable. Its automatic feed is said to insure even and positive feed on all kinds and conditions of stock. From the feed hopper the seed is spread into the first

valves placed on side of machine. The material lifted by the air currents other than dust, is deposited in the two separating tips over the shoe.

Brushes travel automatically underneath the sieves and screens, keep the meshes open. Any additional information desired can be obtained by addressing the Huntley Mfg. Co., Silver Creek, N. Y.

BOOKS RECEIVED.

THE INTERNATIONAL GLOBE AND GEOGRAPHICAL MANUAL are two twentieth century ideas comprising a full and correct delineation of the entire Earth's surface in the Globe, and a history of the national and political subdivisions of the earth in the manual. The globe is well printed in seven colors on both sides of a specially prepared card board. One side shows the western



The Monitor Seed Cleaner.

suction leg in a thin sheet, where it passes through two different currents of air, which remove much of the light and foreign seed, and all of the dust. Then the seed goes to the sieves, which have a hopper and spreading gate to give them an even run of seed. Under this spreading gate is a scalper which removes string and coarse material, the seed passing thru to the main shoe or sieves.

The shoe is three sieves deep. The top sieve extends down about two-thirds the length of the shoe, and removes coarse and foul stock, the seed going thru to the main sieve which extends the full length of shoe. This sieve removes material larger than the seed, and the seed pass thru it to a screen which removes sand, and small foul seed.

After the seed has been thoroughly cleaned by sieves or screens, it passes off the shoe into the last suction leg, where two air currents again act on it, and remove remaining foreign matter, the clean seed passing out at the bottom.

The two suction legs are the full width of sieves. The operator is said to have perfect control of all air currents by

hemisphere and the reverse the eastern hemisphere. This flat-globe in an office or home would be a great source of help as a reference for inspection of the lines, land and water, transportation routes or ocean highways, distances between points, etc. While the manual gives a description of the important points relating to each country, its position by latitude and longitude, area in square miles, population, capital city and its population, character of government, products, principal pursuits of its people, exports and imports. The globe and manual used in connection with the reading of the daily and weekly newspapers and other current literature will give one a splendid commercial knowledge. Price \$2. Address International Globe Co., room 415, Continental National Bank Building, Chicago.

The Bengal, India, Department of Agriculture reports that the area of the oil seed crops is below normal, but compares favorably with last year's. It is estimated that 90 per cent of a normal crop will be harvested.

GRAIN CARRIERS.

The Michigan Central Railroad has just placed an order for 2,000 box cars.

The Chicago, Milwaukee & St. Paul proposes to build 30 miles from Romath to Staly, Wis.

Grain rates to Memphis from Leavenworth, Atchison and St. Joseph have been increased two cents.

The Elwood, Anderson & Lapel proposes to complete its 26 miles of road from Elwood to Lapel, Ind.

The Northern Pacific is surveying an extension of its Sykeston branch from Bowden, N. D., 50 miles west.

The opening dates for the Canadian canals are: Welland, April 22; Lachine, Cornwall and Williamsburg, May 1.

The Interstate Commerce Commission will meet the railroad commissions of the different states at San Francisco June 4.

the Shawnee, Oklahoma & Indian Territory Railroad, and work is to be resumed on the 265 miles of road between Guthrie, Okla., and Dallas, Tex.

Control of the Georgian Bay Canal Co. has been obtained by European bankers, who will complete the work as a private enterprise, if the Dominion will not guarantee the \$20,000,000 bonds.

S. M. Vauclain, of the Baldwin Locomotive Works, at the February meeting of the New England Railroad Club, predicted that grain will be shipped to central markets just as now is crude petroleum.

Friction is developing between vessel owners and shippers over charters for grain to be moved "at the opening of navigation." The vesselmen claim that they are not responsible for delay caused by the engineers' strike.

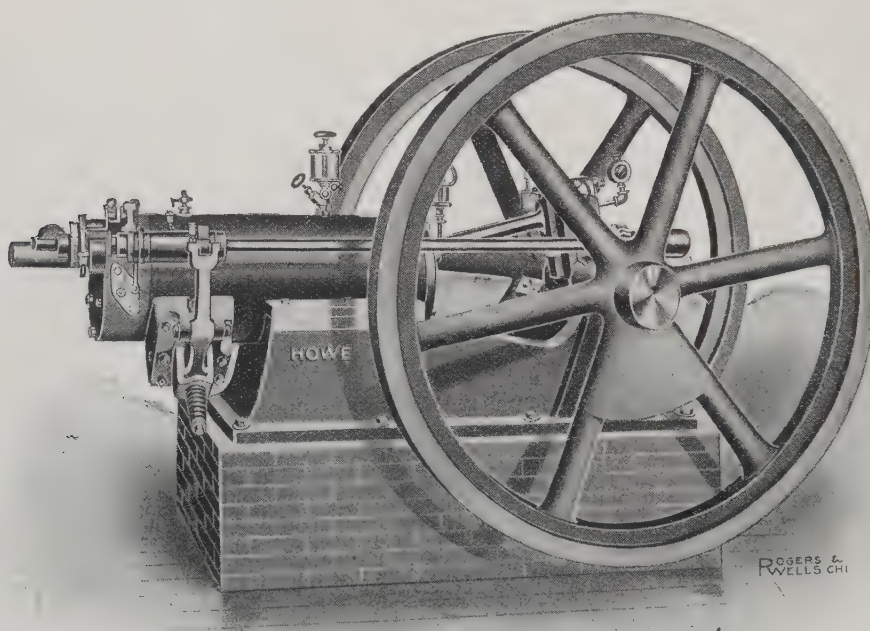
The Port Huron & Duluth Transportation Co. has been organized to operate in connection with the Grand Trunk, with

THE HOWE GAS ENGINE.

The accompanying cut shows the Howe Gas and Gasoline Engine which is a solid, compact and perfectly rigid engine. The bed is low, heavy and has large journal boxes parted at an angle of 45 degrees, so that all the thrust is received by the main casting.

It is so constructed that it can use gas or gasoline or both at the same time. This is an advantage when running on natural gas where the supply is low. As the change from one fuel to the other can be made instantly and while the engine is running at full speed. In severe tests this engine has shown great economy in fuel for power developed.

The engine is so built that it is not likely to get out of order. Every movement is in sight and is easily inspected, all parts are interchangeable, any part can be removed, any valve seen or the entire



The Howe Gas Engine.

The Hutchinson & Southeastern Railroad Co. has been incorporated to build from Hutchinson, Kan., to Fort Smith, Ark.

The Springfield, Jefferson City & Chicago Railway has been organized to build 160 miles between Springfield and the Missouri River.

Abolition of tolls on grain passing thru the Welland and St. Lawrence Canals, is favored in a resolution of the Toronto Board of Trade.

The New York Produce Exchange opposes the \$9,000,000 improvement of the Erie Canal recommended by Governor Odell, on the ground of inadequacy.

Surveys are being made for the extension of the Kansas City, Fort Scott & Memphis from Miami, I. T., to a connection with the St. Louis & San Francisco.

The engineers' strike is exciting more interest as the opening of navigation draws nigh. Its effect has been to delay the overhauling of the engine rooms in the big steamers.

Bonds are said to have been sold by

F. T. Jenks of Port Huron as general manager. The Grand Trunk is reaching out for the grain traffic of the Northwest.

The grain fleet in Chicago harbor is the smallest in many years, numbering only 54 vessels, 35 of which are going to Buffalo, 10 to Port Huron and Sarnia and 9 to Midland. The fleet will carry 3,000,000 bushels of corn, 2,500,000 bushels of oats and 440,000 bushels of wheat.

The Buffalo-New York lines have ignored the Interstate Commerce Commission by reorganizing their grain traffic pool. Rates will be advanced 4 cents on wheat, 3 3/4 cents on corn, and 3 cents on oats, per bushel. In dividing the traffic the New York Central will receive 55 per cent; the Erie, 25 per cent; the Lehigh Valley, 16 per cent, and the Lackawanna, 4 per cent.

Louisiana rice growers contemplate a rice kitchen at the Pan American Exposition, Buffalo, N. Y., to popularize the cereal.

cam shaft removed without disturbing any other part of the engine.

One of the features of this engine is the ease with which it is started, which is brought about by the use of an electric spark while the engine is standing still.

Further information regarding this engine can be had from the makers, Borden & Selleck Co., Chicago.

Exports of malt during the seven months prior to Feb. 1, as reported by O. P. Austin, chief of the bureau of statistics, were 183,327 bushels, compared with 167,900 and 228,400 bushels for the corresponding periods of 1899-1900 and 1898-9.

President B. A. Lockwood of the Grain Dealers National Association has appointed the following gentlemen to constitute a permanent Arbitration Committee to pass on differences between shippers and receivers: W. T. McCray, Kentland, Ind.; G. A. Stibbens, Coburg, Ia., and H. S. Grimes, Portsmouth, O.

A NEW GRAIN FIRM.

The J. Rosenbaum Grain Company recently incorporated with a capital of \$500,000, commenced operating on the Chicago Board of Trade, April 1st. It has acquired the grain elevator at Fort Worth, Tex., formerly owned by C. F. Orthwein's Sons, which it is now operating. The company will buy grain tributary to that market and ship it to Galveston and New Orleans for export.

Mr. Joseph Rosenbaum, of the well-known Stock Yards House of Rosenbaum Bros. & Co., will be at the head of the new concern. He will be assisted in the management of the business by his sons, who have had considerable experience, and by others who are favorably known in the trade. The general opinion expressed is that the new concern, with its present and prospective equipment, has a very promising career.

The Company recently let the contract for a 1,000,000 bu. elevator, to be

this concern will have the best equipment and the most advantageous facilities to be had, consequently there is no reason to doubt its success in the years to come.

CEREALS IN THE PHILIPPINES.

The only cereals grown in the Philippine Archipelago are rice and corn. Of these, rice is by far the more important, being the staple food of the native population. A scarcity of rice always brings hardship and suffering to the people. There are several varieties of this product grown on the islands, differing from each other more or less in flavor, color, and size of kernels. The mismis is the best-known variety, and the malaguit is another species, which is of an unusually glutinous nature, the flour of which is much used in making pastry. By planting a quick and a later maturing variety, two crops may be harvested in one year. The ordinary price of rice in the husk

A 2,500 BUSHEL ELEVATOR.

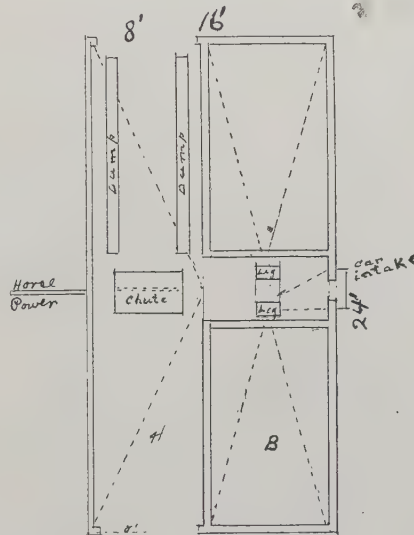
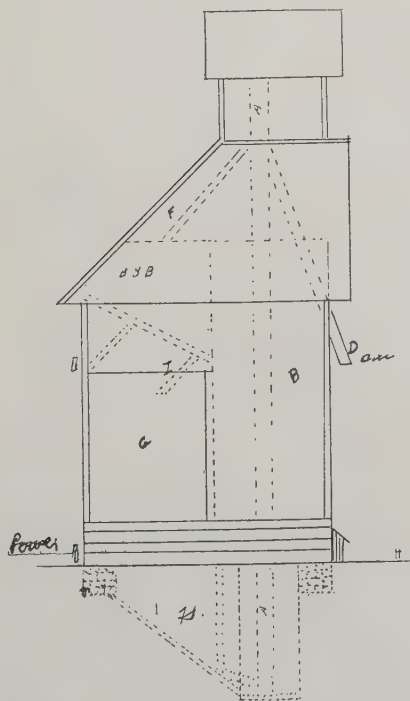
The accompanying line cuts show the ground plan, side and end elevations of a small, but well arranged country elevator which can be built at moderate cost.

The building is 16 x 24 feet, by 30 feet to top of cupola.

The first floor contains the driveway and elevator leg, as well as bin space, which is designated by the letter B, as is shown in ground plan.

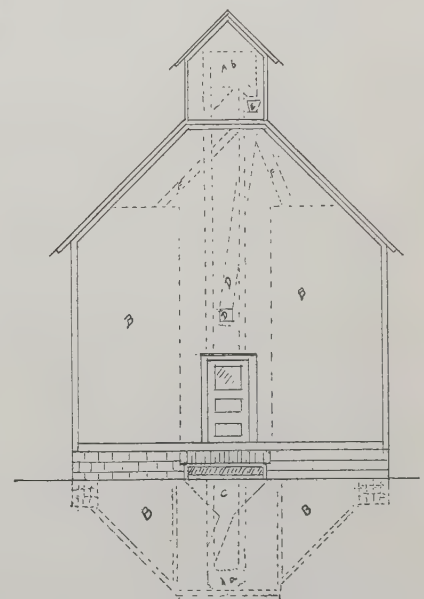
The space above the driveway is utilized for storage, in fact all available space in the building is so used.

The building is a studded and sheathed structure, resting on a rubble stone foundation. The excavated space under floor, in which is placed the receiving sink of the wagon dump, and the elevator boot, is covered with portland cement, which extends up to the top of the foundation wall. This makes it impossible for rats to get into building



Plan

A 2,500 Bushel Elevator.



Side Elevation

built entirely of steel and concrete, and to be ready by October 1st. The elevator will be located at South Chicago, on the Calumet River, and will have unexcelled switching facilities. This elevator will have an unloading capacity of 175 cars in ten hours, and as it will be built entirely of steel, and contain all modern improvements, the owners expect an insurance rate which will be merely nominal.

The J. Rosenbaum Grain Co. will engage in the business of buying and selling grains, and seeds of all kinds, for both its customers and itself, and the reputation of its organizers and their extended experience in the past is sufficient evidence of their high standing and reliability.

The Company will have excellent facilities for receiving information from all parts of the commercial world, and will cheerfully give its patrons the benefit of its knowledge and experience. Within a comparatively short space of time,

is about 60 and 65 cents per bushel, while that of shelled rice ranges from 90 cents to \$1 per bushel.

The annual production of rice in the Philippines averages about 36,000,000 bushels, but this amount is very far below the actual requirements of the population. In order to supply the deficiency it has been customary to obtain the product of other rice-producing countries, the French colony of Cochin China being the principal source of supply. In some years the quantity of rice imported into Manila has exceeded 3,200,000 bushels, worth nearly \$2,000,000.

In several provinces of the Philippines, as for example, in Cayagan and La Isabella, on the island of Luzon, the inhabitants subsist chiefly on Indian corn, which is the only plant cultivated, except tobacco. As a rule, corn is not consumed so largely in other parts of the archipelago, and scarcely any is imported.—War Department, Division of Insular Affairs.

from the outside which is an important feature.

Grain can be spouted direct to the loading spout or diverted to any of the bins. The bin walls are strengthened by 3/4-in. rods.

If desired, grain can be received direct from car into the receiving sink, which goes direct to the elevator boot. From here it can be elevated direct to the bin over the driveway, which is equipped with an outlet spout for loading direct into the wagon or into cars.

This elevator is designed to be operated by horse power and will cost complete, about \$750. It was designed by George Spaulding of Olathe, Kans.

Hay amounting to 52,000 tons was exported during the seven months prior to Feb. 11 compared with 42,700 and 38,400 tons during the corresponding periods of 1899-1900 and 1898-9, as reported by O. P. Austin, chief of the bureau of statistics.

PATENTS GRANTED

Jerome W. Trout, Kirbyville, Mo., has been granted letters patent, No. 670,461 on a hay press.

Robert D. Emmons, Meridian, Miss., has been granted letters patent, No. 670,421, on a hay press.

Richard R. Pace, Lisbon, Ia., has been granted letters patent, No. 671,091, on a baling press.

Hiram M. Quick, Paterson, N. J., has been granted letters patent, No. 670,060, on a gasoline motor.

Thomas McMahon, Philadelphia, has been granted letters patent No. 670,803 on a gas engine.

Ezra T. Bucknam, Tulare, Cal., has been granted letters patent, No. 669,979, on a conveyor chain.

William H. Gray, San Leandro, Cal., has been granted letters patent, No. 670,175, on a baling press.

William O. Worth, Chicago, Ill., has been granted letters patent, No. 670,550, on a duplex gas engine.

Peter K. Dederick, Loudonville, N. Y., has been granted letters patent, No. 670,505, on a baling press.

James A. McLean, Boston, Mass., has been granted letters patent, No. 670,997, on an internal combustion engine.

Thomas Kirshman, California, Mo., and Logan M. Medlin, Latham, Mo., have been granted letters patent, No. 670,406, on a baling machine.

Carl H. Blomstrom, Marquette, Mich., has been granted letters patent, No. 670,914, on a sparking igniter for internal combustion engines.

Ferdinand F. Waechter and Frederick V. Hetzel, Philadelphia, Pa., assignors to the Link Belt Engineering Co., have been granted letters patent, No. 670,747, on a discharge device for hoppers.

Lewis E. Jordan, assignor of one-half to Oliver P. Beale, Bagley, Ia., has been granted letters patent, No. 670,881 (see cut) on an adjustable spout and cover, for grain elevators. A hinge below the opening in the wall of the elevator supports the spout which has attached to it a flexible tube to direct the flow of grain to any part of the car.

John F. White, Bloomington, Ill., has been granted letters patent, No. 671,122 (see cut) on a loading or unloading apparatus. The apparatus consists of a wagon dump platform mounted on four low wheels with an inclined elevator taking grain thru a conveyor from a hopper in the dump. The inclination of the elevator is adjusted by the cable and windlass.

James L. Record, Minneapolis, Minn., has been granted letters patent, No. 670,456 (see cut) on a fire proof grain elevator. The frame of the building is of steel, the outer inclosing walls of brick, the bins of wood, and the bin bottoms of terra cotta and cement. The bins are supported independently of the inclosing walls whereby they may settle independently. The bins are kept in place by self adjusting anchors.

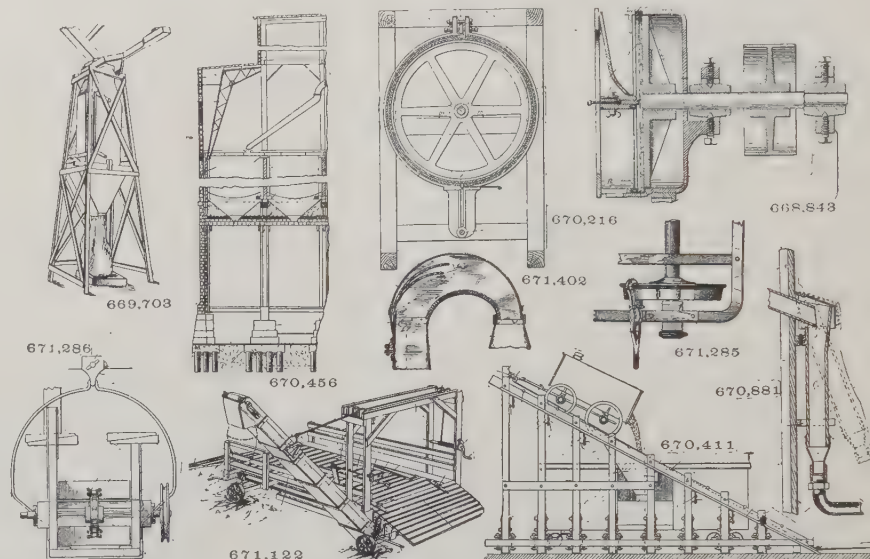
Rosia W. Welch, Baltimore, Md., assignor of three-fourths to Edward A. Daugherty and Alfred K. Rogers, same place, has been granted letters patent, No. 670,216 (see cut) on a rice decorticating machine. The framework supports two concaves inclosing a hulling cylinder. Below is a pivot on which the concaves may be swung apart. When drawn together the concaves are adjusted to a nicety by the screws on top.

Budd Reeve, Buxton, N. D., has been granted letters patent, No. 670,411, (see cut) on a portable farm elevator and car loader. Beside the railway car an inclined runway is erected up which a small wheeled box is drawn by rope and pulley. A hopper is fixed in the runway at a point opposite the car door. The timbers supporting the runway are clamped together in such a way that the trestle can be readily taken down and rebuilt elsewhere.

Samuel E. Kurtz, Sac City, Ia., assignor of one-half to Henry Kurtz, same place, has been granted letters patent, No. 671,285 (see cut) on a car mover. A lever is combined with a hook-shaped gripping device having

tended thru the door diagonally into the car and the end of the platform within the car is suspended from the roof by a hanger clamped to the car-rafter. Sideboards are attached to the outwardly projected end of the platform.

F. M. Smith, Nashville, Mich., assignor to the Huntley Mfg. Co., Silver Creek, N. Y., has been granted letters patent, No. 668,843, (see cut) on a hulling and polishing machine. Combined with an upright rotary disk, having on its face a spiral rib, is an upright stationary disk having on its face a transverse projecting hulling bar over which the material is forced by the moving disk and its spiral rib. The rice is fed thru a spout into the center of the stationary



swinging connection with the lever, and a roller arranged in the lever and adapted to engage with the truck frame serving as fulcrum. The hook end of the lever has a knife edge portion to bite into the car wheel when pressure is applied.

Frank S. Perry, Calvert, Tex., has been granted letters patent, No. 669,703 (see cut) on an automatic weighing machine. The frame supports a weighing hopper in its upper section and a sack filling hopper in the lower section. Grain is fed to the weighing hopper thru a spout having two outlets, one of the outlets containing a rotatable feed drum, and the other a valve. The hopper is mounted on two scale beams, one of which is in connection with the valve in the feed spout.

James B. Schuman, Columbia City, Ind., assignor to the Pneumatic Elevator & Weigher Co., Indianapolis, Ind., has been granted letters patent, No. 671,402 (see cut) on a separating head for pneumatic elevators. The bend of the separating head has its outer portion formed of perforated material, with a guard therefor located in the path of the air, consisting of a base and curved fingers. The curved fingers break the force of the moving grain and guard the perforations against wear.

Samuel E. Kurtz, Sac City, Ia., assignor of one-half to Henry Kurtz, same place, has been granted letters patent, No. 671,286 (see cut) on a car loader. The grain is conveyed into the car on a flat platform by means of traveling scrapers attached to a chain running over sprockets. The platform is ex-

posed to be moved into the car by a disk, is hulled, and swept to the periphery of the disk by outwardly projecting delivery wings on the rotating disk.

GOVERNMENT CROP REPORTS.

John Hyde, statistician of the Department of Agriculture, in his report issued Apr. 10 gives the condition of winter wheat as 91.7, against 97.1 on Dec. 1, and a 10-year average of 82.9 per cent. The condition in the principal states is: Pennsylvania, 89; Ohio, 83; Michigan, 72; Indiana, 89; Illinois, 92; Texas, 63; Tennessee, 81; Missouri, 98; Kansas, 105; Nebraska, 100; California, 100, and Oklahoma, 97.

The Michigan crop report issued April 10 by Fred M. Warner, secretary of state, is 80 per cent. The crop wintered well, but in many parts of the state the plants are full of flies ready to begin their ravages again as soon as conditions are favorable. At the present time one can only state such facts as exist and all should remember that climatic conditions hereafter may change results materially. Some are expecting parasites to decrease the work of the fly, but it is difficult to estimate this factor so early in the season. Warm, dry weather will favor the fly, while cold, damp weather will be unfavorable for the hatching of the spring brood of the insects. The total number of bushels of wheat reported marketed in the eight months prior to Apr. 1, was 3,072,000; which is 2,482,000 bushels less than was marketed during the corresponding period of 1899-1900.

NEW GRAIN LAW FOR INDIANA.

The bill introduced by Senator E. H. Wolcott of Wolcott, Ind., which provided for an act to regulate the sale and transfer of grain in elevators and other places of storage, became a law and henceforth it will be much easier for the regular grain dealers of the state to borrow money on grain stored at home.

The new law is as follows:

Section 1. Be it enacted by the General Assembly of the State of Indiana, That all persons owning and dealing in corn, wheat, oats, rye, barley, and other grain, who may desire to sell, transfer, assign, pledge or hypothecate the same, or any part thereof, by issuing elevator or warehouse receipts or certificates, are hereby required to file with the recorder of deeds, in the county where any such grain is stored, a written declaration setting forth the name and residence of such person; that such person desires to own, keep or control a warehouse, elevator, crib or other place for the storage and keeping of grain, an accurate description of the place and locality where the same is to be kept, owned or controlled, and of the elevator, warehouse, crib or other place, the dimensions and quality thereof, and the names of any other persons than the one making the declaration, having any interest in the land or structure; such declaration shall be duly acknowledged and filed for record in the same manner as instruments for the conveyance of personal property.

Sec. 2. Any person owning, keeping or controlling any such elevator, warehouse, crib or other place for the storage of grain, and who has filed the declaration as provided in section 1 hereof, may execute and issue bills, certificates or warehouse receipts for any grain that may actually be in said elevator, warehouse, crib or other place described in his said declaration, or for any part or quantity thereof, and may hereby sell, convey, assign, transfer, pledge or encumber said grain, or any part or quantity thereof. But such bill, certificate or warehouse receipt shall have written or printed on it a statement that the one issuing it has complied with section 1 hereof, with a book and page in the recorder's office where the same is recorded, the name and address of the party issuing it, and to whom issued, the location and description of the premises and elevator, warehouse, crib, or other place where the grain is stored, the date of issuance, and the quantity of grain and its kind, and shall be signed by the person issuing it; and bills, certificates and receipts issued in the manner and form aforesaid shall operate and have the effect to transfer the title to the grain described in them, and vest the same in the holder thereof, and the holders thereof may sell, assign, transfer, or otherwise dispose of the same in like manner without the purchaser, assignee or holder being required to have the same recorded or give notice to protect himself against existing creditors or subsequent purchasers, as required in other cases where property is left to the possession of the vender.

Sec. 3. Every person making the declaration and issuing receipts and certificates for grain, as herein contemplated, shall keep a regular well bound book, wherein shall be kept and entered at the date of issuance thereof, full account of each and every receipt or certificate, with the date of issuance, number, name or person to whom issued, the quality and

kind of grain covered by such; and such book shall be subject to the inspection and examination of each and every person holding any such receipt or certificate, his agent or attorney. Any person wrongfully altering, changing or willfully destroying any such book, shall upon conviction, be fined not exceeding one thousand dollars, or imprisoned in the county jail not exceeding one year; and any person issuing any receipt or certificate, without entering and preserving in

being liable for all damages caused by such second issue, be guilty of felony, and for each offense be fined not to exceed one thousand dollars and imprisoned in the penitentiary not exceeding five years.

Sec. 5. Any person owning, possessing or controlling any elevator, warehouse, crib or other place for storing grain as provided in this act, who shall sell or remove, or knowingly permit to be removed therefrom, any grain for which



such book the required memorandum, shall be fined, upon conviction, not to exceed one hundred dollars for each certificate so issued and be liable for all damages sustained in consequence of such omissions.

Sec. 4. Any person who shall knowingly issue any such receipt or certificate for grain when the grain described is not actually in the elevator, warehouse, crib or other place mentioned therein, or shall knowingly with the intent to defraud, issue a second receipt or certificate for grain for which or part of which any former receipt or receipts, certificate or certificates, are outstanding, uncanceled, and valid and subsisting, shall besides

any receipt or certificate has been issued and is outstanding, held by any other person than the person issuing the same, and any person knowingly receiving or helping to remove the same, shall be guilty of grand larceny and punished as provided by statute, and such grain so removed shall be deemed and regarded as stolen property, and may be pursued and recovered, or its value recovered, by the owner and holder of said receipt or certificate.

Sec. 6. Whereas an emergency exists for the immediate taking effect of this act, therefore the same shall be in full force and effect from and after its passage.

GRAIN TRADE NEWS.

CANADA.

The Plum Coulee Farmers Elevator Co. has been incorporated at Plum Coulee, Man.

C. C. Castle, warehouse commissioner, has issued 526 licenses for elevators and warehouses.

The Montreal Board of Trade contemplates rebuilding its burned building on the old site.

The Montreal Harbor Board has reduced the wharf tariff on grain from 6 to 4 cents per ton.

Mr. Labelle, chief grain inspector at Montreal, has been appointed chief weighmaster under the new regulations.

Seed wheat may be imported into Manitoba and the Northwest Territory free of duty from Mar. 25 to June 1, for farmers only.

The grain commission reports that the Montreal inspector has done his work honestly, but he has had too much to do, and not enough assistance.

The Minister of Inland Revenue announced that a bill providing for the better inspection of export grain will be formulated and laid before the trade.

The new grain inspection law will abolish the fee system. Inspection will be compulsory. Grain is to be inspected at interior markets and also at the port of shipment.

A Chicago firm is about to lay before the Montreal harbor commissioners a proposition to build an elevator with no aid other than a grant of space.

Montreal grain men affect not to be disturbed over the action of the New York Produce Exchange in eliminating their city from the list of ports acceptable on the North Atlantic contract.

J. R. Booth, of the Canada Atlantic Railway, proposes to erect two elevators of 1,000,000 bushels capacity each, at Montreal, if the harbor commissioners will guarantee principal and interest on \$850,000 of bonds.

Captain A. B. Wolvin, of Duluth, Minn., a successful vessel owner, has proposed that the Montreal Harbor Board guarantee \$750,000 of bonds to be used in the construction of grain elevators at Montreal, the government to have a mortgage on the property.

The grain commission states that it is desirable for Canada to abandon the shifting system of establishing new standard grades each year. It is thought that a fixed grade to be continued permanently will afford a better basis for the marketing of Canadian grain.

CHICAGO.

Telegraph companies are busy with applications for the grain quotations.

Memberships in the Board of Trade are lower at \$1,950 net to the buyer.

Anthony W. Hogin, a member of the Board of Trade, died recently at Memphis.

The directors of the Board of Trade will hereafter refuse to transfer leased memberships.

The telegraph company will pay the

Board \$30,000 annually and the Board will pay the cost of litigation that may arise.

William S. Warren, president of the Board of Trade, has gone to California on a month's vacation.

A. B. Hitchcock, formerly a member of the Board of Trade, prominent in the cash grain business from 1850 to 1860, died Apr. 3, at Norfolk, Va.

Internal Revenue Collector Henry L. Hertz promises to wage war on the bucket shops after May 1. Notices have been sent to 50 suspected concerns.

J. H. Pank & Co., maltsters, have incorporated their business. Capital stock, \$20,000; incorporators, J. H. Pank, Edgar H. Pank, J. H. Pank, Jr.

John D. Sayre, formerly superintendent of Calumet Elevator B for Bartlett, Frazier & Co., has resigned to enter the employ of the new J. Rosenbaum Grain Co.

Charles Gurney, formerly of Baldwin, Gurney & Co., commission merchants, died recently at New York, where he has resided since the Chicago firm was dissolved.

By removing to Milwaukee the private wire houses evade the Illinois law against puts and calls. Trade in privileges formerly netted several firms a profit of \$1,000 to \$5,000 daily.

The Board's market report committee, composed of C. H. ReQua, H. M. S. Montgomery and Robert Bines, has a large number of applications for the grain quotations to pass upon.

The J. Rosenbaum Grain Co., recently incorporated, has awarded the contract for a 1,000,000-bushel elevator on the Rock Island Railroad at South Chicago to the Macdonald Engineering Co.

J. C. Warrington, a broker in the Rialto building, has been arrested on complaint by a lady who alleges that \$1,300 placed with him for investment was lost. The concern is said to be a bucket shop.

In prescribing new regulations for receiver's agents the directors of the Board of Trade, recommend uniformity of prices for sampling and leave the agents outside of the Board's jurisdiction, as heretofore.

Michael Tiernan, formerly a grain commission merchant, died Mar. 24 at his Evanston home. He was born in Allegheny in 1829, came to Chicago in 1850 and founded the grain firm of George A. Gibbs & Co.

A new regulation of the Board of Trade provides for a department of market records and reports. A tax of \$2 per month, payable to the secretary, is placed on every firm receiving quotations and on every branch of a private wire house.

The committee of the Board of Trade to which was referred the charges of F. D. Riordan that officers of the Board were financially interested in the Cleveland Telegraph Co., has reported that the officers have no interest in the company, and that their action has been for the best.

Lloyd J. Smith, under indictment for shipping grain out of a public elevator

without canceling receipts, has been released under habeas corpus by the court, on the ground that being merely an employee and not proprietor of a public elevator he could not be charged with violating law as a warehouseman.

The Chicago Weighing Department should be kept out of politics. The trade is entirely satisfied with the service rendered by the Board of Trade Weighing Department and would vigorously oppose any change. The law providing for a state weighing department at Chicago was enacted years ago, but has never been put into effect, because funds were not provided.

George Edwards, grain dealer, aided in the capture of a swindler who called at his West Side office six months ago and procured his signature to an advertising contract in a directory. A few days ago the contract turned up as a promissory note. The man presenting the note was handed over to the police, who have found evidence implicating him in similar frauds elsewhere.

Judge Sears has set aside the injunction obtained by F. D. Riordan to restrain the Board of Trade from trying him on the charge of having dealt with a bucket shop. Broker Riordan dealt with the Central Grain & Stock Exchange, and his testimony assisted that concern to win its victory over the Board in the quotation fight. The late decision by Judge Sears simply affirms that the Board can exercise its undoubted right to discipline members.

ILLINOIS.

J. W. Camp, Bement, Ill.: Your Journal is all right.

C. E. Lamotte, St. Marie, Ill., will build an elevator.

W. D. McClure has removed from Hildreth to Pierson, Ill.

Melvin Maddin has erected a new grain office at Del Rey, Ill.

The Crocker Elevator Co., Maroa, Ill., will erect a handsome office.

M. S. Dewey, grain dealer, Mazon, Ill., has sold his lumber business.

D. Voris has shipped 500 cars of hay from Lerna, Ill., and nearby stations.

R. M. Stoddard sold his elevator at Toluca, Ill., March 22, to Ball & Twist.

Rives & Dodge are trying to conduct a scoop shovel business at Kemper, Ill.

John Louderback, of Marion, Ill., has bot Troutman's warehouse and grain store.

The grain elevator at Altona, Ill., is to be raised. B. O. Krotter has the contract.

J. H. Williams & Co., Farmer City, Ill., are erecting an office at their elevator.

John McLean has bot Jennings' elevator at Gays, Ill., possession to be given July 1.

The Grand Prairie Co-operative Grain Association, of Hersher, Ill., has been dissolved.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

Benson & Bradford, Colfax, Ill., have put in a switch at their elevator with capacity for 12 cars.

The St. Louis Valley Railway Co. has been incorporated to build from East St. Louis to Cario, Ill.

O. A. Potter has taken charge of the grain business at Duvall, Ill., for Gould Bros. & Co., of Findlay.

William Winters, Munster, Ill., has increased the capacity of his elevator by

one-third and installed a 10-h. p. gasoline engine to operate it.

B. S. Tyler & Co., of Decatur, Ill., have bot the elevator and cribs at Cushman, Ill., of J. R. Martin.

John Lobeck & Son, of Algonquin, Ill., are putting in a feed mill with Fairbanks-Morse Gasoline Engine.

Bartlett-Kuhn & Co., will rebuild elevator at Princeton, Ill., and also an elevator at some other point.

H. Thom bought McNamara Bros.' elevator and grain business at Garfield, Ill., and took possession April 1.

Representative Nowicki's bill to license gambling in bucket shops has reached a third reading in the Illinois legislature.

William Truitt, Findlay, Ill.: Discontinue my "want ad" until I have time to look over the offers I have received.

Otis McNeely, for 13 years in the employ of Mr. DeLong at Foolsland, Ill., has bot an elevator at Blue Mound, Ill.

William Opie, of Opie Bros., dealers in grain and stock at Apple River, Ill., died at Warren, Mar. 28, of pneumonia.

R. M. Herrington of Marseilles, who represents the Calumet Grain & Elevator Co., in Illinois was in Chicago recently.

The Illinois Valley Grain Dealers Association will hold its regular monthly meeting at Streator, Thursday evening, Apr. 25.

Beggs & Happer have lumber on the ground for the new elevator at Farmingdale, Ill., for which Dorand & Son have the contract.

L. R. Smith & Co., Sullivan, Ill., have begun work on their new elevator on the Wabash Railroad. The house will be 36 x 38 feet.

Secretary H. C. Mowry of the Illinois Grain Dealers Association informs us that a new list of members will soon be ready for circulation.

Tegge Bros., Papineau, Ill., are about to erect a 40-foot addition to their elevator whereby their storage capacity will be increased to 50,000 bushels.

C. C. Beach, formerly in the grain business with his father, B. C. Beach at Champaign, Ill., has removed to Oquawka, to engage in other business.

William Grimes of Thomasboro has been sentenced to an indefinite term in the penitentiary for forging an order on J. B. Walton & Sons, the grain dealers.

Alexander Ritcher, proprietor of the elevator at Charleston, Ill., has purchased residence property at a cost of \$2,500, and will improve the place for his family.

Fifty cars loaded with grain were burned Apr. 1, in the Baltimore & Ohio Railroad yards at East St. Louis, Ill. Loss on grain, cars and freight houses, \$150,000.

R. P. Macauley has purchased the interest of William J. and I. Newton McBroom in the firm of Macauley & McBroom and will conduct the grain business alone at Atkinson, Ill.

E. & I. Jennings, of Mattoon, Ill., have the honor of being the oldest grain dealers in central Illinois, having engaged in the business 45 years. Who can beat their record?

The elevator of Dunaway, Ruckrigel & Co., at Utica, Ill., was burned Apr. 3, with a large quantity of grain. The fire started in the cupola. Loss, \$14,000; insurance, \$11,400.

W. H. Coulthard, McClusky, Ill.: The Journal's efforts in behalf of the regular grain dealer are highly appreciated by the writer; and it shud have the support of all regular dealers.

J. F. Kilduff of La Salle, Ill., president of the Illinois Valley Grain Dealers Association, was in Chicago last week and reported that bad roads prevented the farmers marketing any grain.

Chas. Schultz, Olney, Ill., has recently put in three No. 6 Monitor Seed Separators. To displace cheap mills used heretofore, Mr. Schultz will move and remodel his elevator this season.

J. D. McLean, of Mattoon, writes that F. M. Lowe will build an elevator at Etna, Ill., 60 x 24, with good large oat storage; and that J. D. Ferguson will also build an elevator at Etna.

George Becker of Cherry Grove, Ill., has bot the residence and one-half interest in the grain business at Natrona, of George Hussman, who will go on a farm or take a trip to Germany.

George Meikle of Crescent City has bot the elevator of Mr. Goodman at Bondville, Ill., and will take possession May 1, his family residing at Champaign in the meantime, and perhaps permanently.

The 10-year old son of J. C. Ware, grain dealer, at Champaign, Ill., was crushed to death recently, by a loaded wagon. The sad death of his son is a severe shock to Mr. Ware, who for some time has been ill.

It is said J. W. Thornton and his sons Robert and Joseph, of Magnolia, who recently engaged in the grain business at Gardner, Ill., will extend their business to Magnolia as soon as the T. M. & N. Railroad is completed.

Morrison & Grindley, Thomasboro, Ill., have let the contract for their new elevator to G. T. Burrell. The old elevator will be emptied and moved 50 feet, after which the addition, with 50,000 bushels capacity, will be erected.

George Banks, Irene, Ill., who recently sold his elevator as reported in the Journal, reconsidered the matter, and the next day went to the buyers, Marshall Bros. and C. H. Pritchard, with an offer to repurchase at an advance, which was accepted.

M. F. Reidy & Co., Reddick, Ill., have erected an elevator building of 15,000 bushels capacity, and are putting in a Webster Gasoline Engine and machinery purchased of the Webster Mfg. Co., at a cost of \$2,500. The plant will be completed May 1.

John G. Herman of Ashmore, Ill., has a large storage warehouse for grain and hay. Two years ago the great broom corn syndicate filled the house with broom corn, and have been paying Mr. Herman \$225 per month storage. Mr. Herman recently sold 60,000 bushels of oats stored since last July.

John D. McLean, of Mattoon, writes that the new double track of the Illinois Central will necessitate the moving of the elevators of the Douglas Grain & Coal Co., at Hays, Ill., of J. P. Woolford at Galton, Ill., and R. & J. Ervin at Tuscola, Ill. Ervin's house was built 35 years ago and enuf money has been paid in insurance to buy several elevators.

Farmers in the vicinity of Milledgeville, Ill., are considering whether to erect a grain elevator. At a recent meeting of the farmers, A. B. Puterbaugh, proprietor of the only elevator at Milledgeville, endeavored to dissuade them, offering to prove by his books that he has been paying all the market allowed. So effective were Mr. Puterbaugh's arguments that some farmers who favored the plan at first now hesitate to invest.

R. C. Grier, secretary of the Peoria Board of Trade, reports that the receipts

at Peoria during March consisted of 61,200 bushels wheat, 1,421,600 bushels corn, 999,800 bushels oats, 11,600 bushels rye, 227,600 bushels barley, 4,240 tons millfeed, and 1,772 tons hay; compared with 65,200 bushels wheat, 1,912,800 bushels corn, 810,400 bushels oats, 9,000 bushels rye, 108,750 bushels barley, 780 tons millfeed, and 2,000 tons hay, for the month of March, 1900. The shipments during March have been 24,100 bushels wheat, 294,200 bushels corn, 1,153,500 bushels oats, 2,100 bushels rye, 99,150 bushels barley, 9,435 tons millfeed and 263 tons hay; compared with 25,650 bushels wheat, 578,400 bushels corn, 914,100 bushels oats, 1,800 bushels rye, 86,200 bushels barley, 7,950 tons millfeed and 240 tons hay during March, 1900.

INDIANA.

W. E. Hurd, Logansport, Ind.: Grain Dealers Journal is worth \$5.

Hugh Rogers, Hyatt, Ind., has placed a corn crusher in his elevator.

O. L. Graves of Walkerton, Ind., has bot the elevator of Jack Neal at the same place.

F. R. Pence, Williamsport, Ind.: Can't keep house without the Grain Dealers Journal.

The Samuel Born Grain Co., Lafayette, Ind., is erecting an addition to its elevator.

J. M. Key, banker, Andrews, Ind., has let the contract for a grain elevator to cost \$5,000.

William Fleischauer has bot the interest of E. C. Peter in the Jay Grain Co., Mulberry, Ind.

The E. A. Grubbs Grain Co., Greenville, Ohio, has bot the elevator at Cambridge City, Ind.

Mel Hobbs has bot the interest of his nephew, Lute Cook, in the grain business at Tipton, Ind.

Chester Britton, a son-in-law, will manage the elevator at Attica, Ind., recently purchased by M. J. Lee.

Joseph Mouch is said to have bot the interest of his brother, C. W. Mouch in the grain elevator at Mooreland, Ind.

Hoopes & Reed are building a 30,000-bushel elevator at Star City, Ind., the contract having been let to C. A. Drake.

Charles F. Walter, successor to Charles Hall, in the grain business at Jacksons, Ind., has recently purchased a residence with 31 acres of land.

Owen Hurd, & Sons are expending \$2,000 in rebuilding and enlarging their elevator at Walton, Ind., the work being done by C. A. Drake.

H. E. Agar of the Princeton Elevator Co., Princeton, Ind., has let the contract for the rebuilding of the burned elevator to the Reliance Mfg. Co. The carpentry will be done by Sam Bean of Princeton.

The elevator of Hoch, Payne & Co., Rockport, Ind., was burned on the night of Mar. 19, with 4,000 bushels of wheat, 3,000 bushels of corn, 300 bushels of clover seed, 400 tons of hay and 2,000 new sacks. Loss, \$17,000; insurance, \$9,000.

Smith & Snodgrass of Hillisburg, Ind., have let the contract, thru T. M. Van Horn, to the Marseilles Mfg. Co., for all the machinery for their new elevator, to be erected on ground near the L. E. & W. Ry., leased by J. H. Smith and J. J. Snodgrass.

A box car flew the track at Plymouth, Ind., recently and instead of making a flying switch as was intended by the brakeman, it tried to play tag with Thayer's elevator. The bumping post at the end of the side track could not stop the

game, and the car crashed into the elevator a distance of 15 feet. Next day the car was removed by the wrecking train.

One of the rare cases where fire in a grain elevator is extinguished after getting a good start happened at Williamsport, Ind., Mar. 22, when the big elevator of F. R. Pence on the Wabash Railroad, was threatened by flames which enveloped the cob room. Quick work with a good water supply confined the fire to room in which it started, saving the building with its 30,000 bushels of grain and two long sidings filled with cars.

W. E. Hurd, of Logansport writes that the elevator and grist mill of Hurd & Enyart at Royal Center, Ind., was burned on the night of Mar. 23, together with four roller mills, two feed mills, two corn shellers, 5,500 bushels corn, 2,400 bushels wheat, 500 bushels oats, and clover and timothy seed valued at \$110. Heroic work by the station agent kept the fire from the engine and boiler room which was of brick. Loss, \$12,000; insurance, \$5,000 on building in the Millers' Mutual of Harrisburg, Pa., and \$3,000 on contents in the Phenix of Brooklyn. It has not been decided whether to rebuild.

IOWA.

A. A. Seigel has removed from Peterson, Ia.

Clover & Brown are a new grain firm at Abbott, Ia.

J. C. Cleary is a confirmed scoop shoveler at Hornick, Ia.

Welch Bros. have succeeded Goltry & Son at Marathon, Ia.

John Smedberg, Lake Mills, Ia., is a scoop shovel shipper.

At Bouton, Ia., grain is being scooped into cars by J. P. O'Malley.

C. L. Thompson has succeeded Thompson & Wallace at Rutland, Ia.

J. P. French & Son are trying to do a scoop shovel business at Earlham, Ia.

Adams Bros. are trying to conduct a scoop shovel grain business at Devon, Ia.

B. C. Ragan, Elliott, Ia., writes that his elevator at Elliott will be remodeled.

J. A. Carden, Geneva, Ia., was in Chicago last week looking for a gasoline engine.

T. S. Ingersoll is endeavoring to do a scoop shovel grain business at Cherokee, Ia.

C. A. Tower, Des Moines, Ia.: Cannot get along without the Grain Dealers Journal.

J. Fowler has bot the elevator at Larrabee, Ia., of Wm. Riley, so the latter informs us.

R. Buell will manage the elevator at Ottosen, Ia., recently purchased by Buell & Moore.

H. W. Hancock, of Mapleton, Ia., has bot the elevator at Danbury, Ia., of W. B. Booher.

L. B. Spracher, Sibley Ia.: Your Grain Dealers Journal is all right. Would not be without it.

L. H. Noyes, Mondamin, Ia., has no facilities and is not recognized as a regular grain dealer.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

The Armour Grain Co., of Chicago, has been incorporated in Iowa with headquarters at Des Moines.

Fred M. Gillespie, formerly in the grain business at Avoca, Harlan and Wilton, Ia., died Mar. 1 of paralysis.

O. A. Talbott and G. A. Willett of O. A. Talbott & Co., grain and seed ship-

pers of Osceola, Ia., were in Chicago last week.

C. D. Orr, of Orr & Lewis, operating elevators at Osage and St. Ansgar, Ia., has removed to Northfield, Minn.

Fire at Adaza, Ia., Mar. 30, destroyed the elevator operated by Pease Bros., of Des Moines. Loss, \$5,000; insured.

The new 20,000-bushel elevator of J. F. Wormer at Center Point, Ia., has been finished by the Younglove & Boggess Co.

Read Secretary Wells' communication in "Letters from the Trade," in regard to the annual meeting of the Iowa Association.

C. C. Buck has purchased the farmers' elevator at Toledo, Ia., and will put in a gasoline engine and corn sheller and remodel the building.

The annual meeting of the Iowa Grain Dealers Association will be held at Des Moines, Wednesday, April 24. All regular dealers welcome.

I. Knudson, Akron, Ia., and E. H. Spaulding, Westfield, Ia., have awarded their contracts for elevators to the Younglove & Boggess Co.

E. Pankhurst, Farley, Ia., writes: Discontinue my advertisement of elevator for sale in the Journal at present. I have received several inquiries.

The Farmers' Elevator Co., of Lake Mills, Ia., has been out of the grain business for over a year, but is still receiving track bids from different bidders.

J. A. Miles, agent at Underwood, Ia., for the St. Paul & Kansas City Grain Co., writes that his company contemplates overhauling and repairing the power plant.

John Swecker of Swecker & Dixon, who operate a 10,000-bushel elevator at Hartwick, Iowa, was in Chicago last week and reported farmers talking of sowing more corn and barley.

W. W. Paton & Son, Milford, Ia., write that three elevators have been erected since the fall of 1900 at Terrill, Ia., on the M. & St. L. Railroad, one of them by Stone & Bascom.

Grosenbaugh & Marsh, grain dealers of Nehama, Ia., have dissolved partnership. The firm's elevator will be operated by Mr. Grosenbaugh, while Mr. Marsh will conduct the house he has purchased of Kurtz & Son.

P. Van Deest of Aplington, Ia., writes that J. A. Voeltz & Co., of that place will move their two elevators together. The ground vacated will be occupied as a lumber yard by H. Dreyer, Jr., for whom Mr. Deest is manager.

B. C. Ragan, Elliott, Ia., Apr. 2: Prospects for winter wheat splendid. Considerable hay land being broken up to be planted in corn. Very little oats and spring wheat to be sown on account of late spring. Corn pretty well shipped out.

H. Kurtz & Son, of Sac City, Ia., write that they have sold their elevator at Lytton, Ia., to A. Schmidt & Son of that place, and their elevator at Nehama, Ia., to W. C. Marsh of that place, and are negotiating for the sale of their other elevators.

H. M. Underwood has resigned the management of the grain business at Rolfe, Ia., for the firm of Charles Counselman & Co., and will remove to Grand Junction, Ia., to manage a lumber yard and grain business.

The Younglove & Boggess Co. has contracted to build a 25,000-bushel elevator for C. F. Austin, Williams, Ia., 30,000-bushel elevator for F. J. Stanek, Chelsea, Ia., 25,000-bushel elevator for A.

Freund & Co., Lowden, Ia., 25,000-bushel elevator for J. W. Smith, Lamoni, Ia., all to be equipped with corn shellers.

Thor Lumber & Grain Co., Thor, Ia., Apr. 8: No seeding done. No grain moving; roads impassable. Only small per cent of corn and oats left in farmers' hands, and that is held for higher prices as well as to see the prospects for a new crop.

P. L. Rivard informs us that W. B. Jones, manager of the Counselman Elevator at Pocahontas, Ia., has been transferred to Ruthven, Ia., to take charge of Counselman's elevator at that place. Mr. Jones has done a large business since commencing buying at Pocahontas and has won the confidence of the people. He is to be succeeded by Fritz & Fritz of Pocahontas.

A meeting of elevator men was held Mar. 30 at Davenport, Ia. Among those present were J. F. Dow of the Davenport Elevator Co., F. S. Cowgill of Omaha, representing the Trans-Mississippi Grain Co., M. McFarlin of Des Moines, representing the Des Moines Elevator Co., J. M. Brown of Des Moines and J. J. Stream of Chicago, representing Charles Counselman of Chicago, and George A. Wells, secretary of the Iowa Grain Dealers Association.

N. B. Updike, president of the Updike Grain Co., Omaha, Neb., recently visited Missouri Valley, Ia., with a party of Northwestern Railroad officials, to locate a large grain elevator and decide upon track and yard facilities. The elevator will be 300 feet long and will be equipped with cleaning machinery with a view to handling grain bot on the F. E. & M. V. Ry. and the S. C. & P. Ry. in Nebraska. The storage capacity will be 500,000 bushels and the handling capacity 100 cars per day. The plant is to be completed by Sept. 1.

Captain M. T. Russell is not much of a joker, but one day recently he gave all the Des Moines grain men a pleasant afternoon, in spite of the fact that each was very busy and several had a week's mail awaiting their attention. In the morning he telephoned each dealer to cum to his office at 1:30 sharp, as he had something of grave importance to lay before them. At the appointed hour each appeared at the Captain's office and was marched off down the street, still completely ignorant of why or where he was going. The company, 23 strong, captured as many choice seats at the matinee, ate peanuts, red gum drops and smiled at the matinee girls. Each and every one thoroly enjoyed the afternoon and declared the Captain to be a peach.

KANSAS.

Report the condition of the growing wheat in your locality.

The Rock Grain Co. has just completed a grain elevator at Rozel, Kan.

Moses Bros. Grain Co. has completed a 400-barrel flour mill at Great Bend, Kan.

Mowrer Bros., Lost Springs, Kan., write that they contemplate building an elevator.

Ward & Ames, Gardner, Kan., will build a 150-barrel corn mill in connection with their elevator.

The Cox Elevator Co., Hays City, Kan., failed Mar. 23. The First National Bank of Hays City closed the business.

Several new grain elevators will be built along the Santa Fe lines in central Kansas if the crop continues promising.

L. W. Brown, of Ellinwood, Kan., writes that Donovan & Son are building a small grain elevator at Belpre, Kan.

The storage elevator and milling plant of the Walnut Creek Milling Co., Great Bend, Kan., is being enlarged and improved.

Hinck & Son, Linn, Kan., write that they are out of the grain business, the elevator at that place having been purchased by Hoerman & Gilbert.

The elevator at Horton, Kan., which J. S. Henney had contracted to sell to Mr. Starbuch, was burned Mar. 16. Loss, \$5,000; insurance, \$1,500.

McLeod Bros.' elevator at Marietta, Kan., has been formally transferred to the Farmers' Elevator Co., which has been operating the plant.

Topeka millers will fight for a restoration of their 5-cent differential rate on wheat. Action will be had either in the courts or before the new state railroad commission.

Secretary E. J. Smiley has issued a neatly printed pamphlet containing the minutes of the fourth annual meeting and the constitution and by-laws of the Kansas Grain Dealers Association.

L. W. Brown, of Hutchinson, Kan., who is traveling auditor for the Kansas Grain Co., writes us under date of Apr. 1: Wheat over all central and western Kansas never looked better at this season of the year.

Alex Knott, Belle Plaine, Kan., Apr. 6: Wheat prospects never better, full 100 per cent, and a big crop planted. Snow this morning. About 15 per cent of old wheat in farmers' hands. Not much corn to move. Spring is late.

C. H. Sticker, Yates Center, has bot the elevator of M. Herpolsheimer at Wamego, Kan., and will conduct the grain business. Captain Herpolsheimer, who was in the Second Nebraska regiment in the Philippines, will remove to Kansas City, and probably get a commission in the United States army.

L. W. Brown of Hutchinson informs us that the Kansas Grain Co. is building a 10,000-bushel elevator at Offerle, Kan., to be equipped with 4-h. p. Weber Gasoline Engine and all modern improvements. The company will build several elevators during the coming season if the crop prospect continues favorable.

W. T. Buck, proprietor of the elevator at Vliets, Kan., who recently lost his grain office by fire, is building a much larger and better office and replacing the scale with one of the highest grade costing \$125, and will furnish the new office with new fixtures. Being up-to-date in his business Mr. Buck had full insurance.

Chief Grain Inspector Benjamin B. Northrup of Kansas City, Kan., has re-appointed the employees of his department, as follows: Kansas City—S. H. Nikirk, J. P. Chess, Charles Lowe, A. McOhail, and M. M. Moser, inspectors; O. W. Wyatt, Fred Peterson, A. Temme, S. W. Moore, J. W. Vinning, J. R. Mentzer and J. C. Wasser, weighmasters. Coffeyville—L. L. Bigaman and George Saunders, inspectors; Byron Stubblefield and F. H. Vennum, weighmasters. Atchison—R. M. Clark, inspector; H. T. Smith, weighmaster. Leavenworth—John F. Wilson, inspector and weighmaster. Topeka—Thomas Cross, inspector and weighmaster. Wellington—John Stellar, inspector and weighmaster. Winfield—B. F. Wood, inspector and weighmaster. Parsons—Lot. L. Baird, inspector and weighmaster. Wichita—George Koch, inspector and weighmaster.

OUR KANSAS LETTER.

M. Herpolsheimer of Wamego, has lately disposed of his elevator property at that point to C. Chandler. Mr. Herpolsheimer, in selling his property does not expect to leave the grain business and the Sunflower State but hopes to establish himself in the near future, in another locality.

The great trade of Kansas and the milling interests has suffered great loss in the death of Mr. C. Foggarty of Junction City who died of heart disease. Mr. Foggarty has been in the milling business at that point for twenty years.

F. W. Lehrack & Co., of Goffs, Kans., have sold their interests at that point to Mr. Wm. Beckaway and have located in Nebraska.

John F. Jones of Grinnell, Kans., is about to commence an action against W. P. Harrington, editor of a "Pop." paper in Grove City, Kans. for libel. According to the idea of Mr. Harrington, Mr. Jones is a thief of a rare style, robbing the farmers of everything in sight, all because he is supposed to be a member of the Great Grain Combine, which has been brought before them so tenaciously since the legislature convened. As Mr. Jones is simply agent for the Thorstensen Grain Co. of Lindsborg, no doubt he will be able to convince his "Pop." friend that he is still a lawful citizen and worthy of at least a little consideration from the farmers of his acquaintance; and is still free from the clammy arms of the "Octopus" which contrary to the laws of nature, appears so horrible, yet as it comes in contact with those who fear it, assumes a most pleasant form, picks them up tenderly, and in the most protective way carries them off in harmony and prosperity. Its victims are content to be subject to its thralldom until their fellows are brought to realize the sweet charity of this "Octopus" and there is an end to the Kansas producers; "a see 'in things at night."

J. R. Baker, formerly of the firm of Baker Bros., of Everest, has taken possession of the elevator at Morrill, and Mr. George R. Baker will continue the business at Everest.

The following is a list of the new members taken into the Kansas Grain Dealers Association since Jan. 1, 1901: W. W. Smith, Hollyrood; F. M. Johnson & Son, Belleville; Chas. Page, Monument; Gifford Bros., Scottsville; G. K. McProud, Haven; Bennett Com. Co., N. Topeka; J. W. Baker & Son, Hollyrood; Norton Grain Co, Topeka; A. J. Foster, Verdi; W. M. Michner, Rossville; Jesse Starbuck, Horton; Miller & Co., Hanover; C. S. Wilson, Lyndon; Geo. T. Verbeck, Wa Keeney; Sherrard & Son, Oneida; Mowrer Bros., Lost Springs; John Wempe, Seneca; F. W. Lehrack & Co., Goffs; G. M. Smith, Concordia.

C. M. Moore of Powhattan, is now in the South in hopes of recovering his health.

L. Cortelyou, president of the Kansas Grain Dealers Association, chairman of the Check-Weight Bureau of Kansas City, was again made Mayor of Muscotah, Kansas. It speaks well for the Kansas Grain Dealers Association, that it has for its president, one who is appreciated at home as well as abroad for his worthy and estimable qualities.

The firm of Humburg & Ahrens, of Bison, has dissolved Mr. Ahrens, disposing of his interest to Mr. Ficken, and the firm name is Humburg & Ficken.

Kansas, the state of bountiful harvests

and abundant wheat crops is not content to let well enough alone but is manifesting her spirit of progress and ambition by importing pure Russian wheat to be planted for the next harvest, which will no doubt prove extremely profitable to the Kansas producers, grain dealers and millers, but will be evidence of the enterprising spirit of Kansas, lately the land of tomahawks, dug outs and we must confess, a few traces of "buffalo". However, we are not responsible for the "buffalo" that is with us today for before we were aware there was an importation of "buffalo" from the East and the East must be held responsible.

J. F. Wellington, of Kipp, has sold his interests and will retire from the grain business.

David Daikers & Son who have long been in the grain business at Marysville, have gone out of business.

The recent general rains throughout Kansas have done much to improve the wheat and the prospects at this time are very encouraging and Kansas will not fall below her standard. The fields in all parts of the state are in a splendid condition and things look encouraging not only in one particular part, but throughout the state.

J. J. Van Boskirk of Frederick, has sold out and retired from the business.

At a recent meeting held in Seneca the following firms were represented: E. N. Bailey, of Bailey & Connett, Baileyville; N. Connett, of Bailey & Connett, Axtel; J. B. Wuester, Home City; W. T. Buck, Vleits; Denton Bros, Leavenworth; John McManis, of Goffs Grain Co., Goffs; F. W. Lehrack & Co., Goffs; Spaulding & Thompson, Seneca; John Wempe, Seneca; Mr. Sherrard, of Sherrard & Son, Oneida; J. P. Cummings, of Sabetha; F. A. Derby, of Sabetha. It was decided by a unanimous vote of those present that it was of benefit to them to hold such meetings every 60 days, and this will hereafter be an established division.

The dealers present at the meeting held in Hiawatha of recent date were as follows: J. R. Glenn, Robinson; A. B. Smith, Robinson; J. Jensen, Leona; R. M. Stewart, Reserve; R. W. Coreilson, Reserve; E. Chase, Padonia; A. Ammon, Hiawatha; Geo. R. Baker, Everest; J. R. Baker, Morrill; R. B. Gibbs, Morrill; F. P. Lint of the Greenleaf-Baker Grain Co., of Atchison; A. J. Denton, Leavenworth; W. S. Washer, of S. R. Washer Grain Co., Atchison.

It is estimated that 80 per cent of the corn raised in the state the past year, has been shipped out of the state, and that not to exceed 20 per cent of last year's wheat crop remains in the hands of the farmers. Very few oats have been sown in the south half of the state of Kansas.

The dealers present at a meeting held in Claflin recently were: Mr. Dreany, of the La Crosse Lumber & Grain Co., La Crosse; Mr. Wilgin, of the Hoisington Elevator Co., Hoisington; Claflin Grain Co., Bailey-Traylor, Claflin; Pickerill & Hill, Claflin; S. H. Seaman, Geneseo; Murry & Wright, Frederick; J. W. Baker, Hollyrood; W. W. Smith, Hollyrood; Henry M. Groth, and others.

Those present at a recent meeting held in the Concordia division were: G. M. Smith, Concordia; A. B. Pennock, Concordia; F. P. Lint of the Greenleaf-Baker Grain Co.; John McNees, of the J. H. Teasdale Commission Co., St. Louis; W. A. Wood, Ames; M. L. Marshall, of

the Murdock Grain Co., of Clifton; A. T. Rodgers, Beloit; A. H. Pooge, Kacklev; N. Gennette & Co., Aurora; B. F. Banker, Jamestown; F. W. Lawless, of the Duff Grain Co., Nebraska City, Neb. A. M. D.

MICHIGAN.

Mr. Benedict is pushing work on his new elevator at Vermontville, Mich.

Secretary Warring of the Detroit Board of Trade has been re-appointed. Fire at Pottersville, Mich., recently destroyed Tuttle's grain house, which was not insured.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

Daniel Larzelare has leased the elevator of the Lake Shore Railroad at Quincy, Mich., and will take possession June 1.

Ellair, Brav & Co. is the name of a new commission firm at Detroit, Mich., composed of Archibald G. Ellair and Charles A. Brav.

Payson Hutchins has been appointed chief grain inspector and Charles Upham and J. L. Hatch deputy inspectors of the Detroit Board of Trade.

MINNESOTA.

C. D. Orr, Osage, Ia., will rebuild the burned Palon Elevator at Northfield, Minn.

J. L. Mennes has entered the employ of the Exchange Grain Co., as agent at Watson, Minn.

W. J. Kinne, Luverne, Minn.: Stop my advertisement of elevator for sale, as I have plenty of buyers.

Lane's bill to tax grain in elevators against the proprietors has been killed in the Minnesota House.

Fred Billington has succeeded H. C. Ferguson as agent for the Van Dusen Elevator at Morgan, Minn.

James E. Duncan has succeeded W. F. Haraza as manager for the Minnesota Elevator Co., at Hendricks, Minn.

Spencer Kellogg, of Buffalo, N. Y., it is said, will erect an elevator at Duluth, Minn., to handle flax for his oil mills.

Kruse & Dunn have let the contract for a 15,000-bushel elevator at Walters, Minn., to the Younglove & Boggess Co.

August J. Carpenter, representing G. T. Daggett & Co., of Minneapolis, Minn., has joined the New York Produce Exchange.

L. S. Gillette, of the new Electric Steel Elevator Co., Minneapolis, Minn., has been elected a member of the Chamber of Commerce.

J. L. McCaull of the McCaull-Webster Elevator Co., Minneapolis, Minn., has been visiting New Orleans and other southern grain ports.

The concrete elevator of F. H. Peavey at Duluth, Minn., is to be completed this summer. The broken bin will be repaired by building another inside.

A grain elevator of 30,000 bushels capacity will be built for the Farmers Mercantile & Elevator Co., of Kenyon, Minn., by the Younglove & Boggess Co.

A steel tank storage elevator is to be built at Minneapolis, Minn., by the James Quirk Milling Co. Each of the 12 tanks will have 100,000 bushels capacity.

The commissioners of some Minnesota counties have rejected all applications for seed grain loans on account of the failure of farmers to repay past loans.

J. W. Benson & Co., Heron Lake,

Minn., write that they have bot the elevator of W. J. Kinne, Luverne, Minn., thru the advertisement in the Journal.

J. W. Strohm, Tracy, Minn., writes that the Minnesota Elevator Co. has bot the W. H. Stokes line of elevators on the C. & N. W. Ry. in South Dakota.

G. C. Davis & Co., Red Wing, Minn., write that they will close their business this spring, as the buildings and ground have been sold to the railroad company.

K. W. Jargo, Luverne, Minn., will build an elevator of 20,000 bushels capacity, costing \$3,000, on the Omaha road at that place. L. O. Hickok is the architect.

The elevator of Hubbard, Palmer & Co., at Elmore, Minn., was burned Mar. 21. Contents, 10,000 bushels wheat, 1,000 oats and 1,000 barley. The building was insured for \$2,500 and the grain fully covered. The firm will rebuild.

Grain thieves are said to have been working in Southeast Minneapolis, Minn., during the past six months. Thousands of bushels have been taken from cars and elevators. Some of the employes are said to have helped the thieves.

After his bill for the taxation of grain in elevators had been killed in one committee, Representative Lane introduced a second bill on the same lines, and had it referred to another committee on taxes, which is expected to report favorably.

S. Pfeffer & Son's elevator at Blue Earth, Minn., was burned at midnight Mar. 28 with 3,000 bushels of grain. The fire is thought to have been set by tramps. Loss, \$8,000; insurance, \$4,500. The house will be rebuilt during the summer.

The bill providing a civil service examination for grain inspectors has passed the Minnesota House. Amendments were attached reducing the fee for examination from \$5 to \$1, and omitting the board of examiners, the work to be done by the board of appeals.

The Gregory-Jennison Grain Co., Minneapolis, Minn., will erect an elevator, costing \$100,000, to be operated in connection with the Midway Elevator. The capacity will be 1,000,000 bushels. The company has been looking for a site for some time; but since Mr. Gregory's return from the South, this location has been selected.

The Duluth Board of Trade is opposing the bill to give the state railroad and warehouse commissioners power to appoint the board of appeals. The Duluth grain men point out that an appeal board appointed as at present, by the governor, is independent of the state grain inspection department, and free to criticize and regulate the work of that department.

The contract for the erection of the Electric Steel Elevator Co.'s new plant at Minneapolis, Minn., has been let to the American Bridge Co., and will be executed by the local branch formerly known as the Gillette-Herzog Co. In connection with a large steel building for cleaning and handling, a double row of 12 steel tanks, each having 100,000 bushels capacity, will be erected.

MISSOURI.

M. B. Sherwood will put in a sheller and cleaner at his elevator, Brashear, Mo.

The Brand-Dunwoody Co. has just completed its elevator at Carl Junction, Mo.

H. F. Kircher, of Wayland, Mo., has bot the elevator at Ashton, Mo., of J. B. Weigner.

Memberships in the Kansas City Board of Trade are selling at \$1,000, the highest price attained.

Mr. Leffmann of Washington, is said to contemplate erecting a grain elevator at Gerald, Mo.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

W. J. Davis has succeeded Napoleon Malo as buyer for the Missouri & Kansas Grain Co., at Asbury, Mo.

It is proposed that the hay trade of Kansas City be placed under the supervision of the Board of Trade.

Lewis & McCarty, Clarence, Mo., have let the contract for the construction of a 20,000-bushel elevator to the Younglove & Boggess Co.

Trading in privileges has been resumed after hours in the basement of the St. Louis Merchants Exchange. The spasm of reform was brief.

Associate memberships in the Kansas City Board of Trade for the use of persons desiring to trade in futures is a feature suggested by members who desire to boom the local market.

Several representative grain men of Kansas City gave a farewell banquet Apr. 1, to H. B. Perrine, W. B. Stewart and C. C. Andrews, on the eve of their departure for Cape Nome, Alaska.

Fire at St. Louis, Mo., Apr. 7, destroyed the elevator of the St. Louis Elevator & Storage Co., with 640,000 bushels of wheat, 100,000 bushels of corn and 6,000 bushels of rye. Loss, \$650,000.

Eighteen men employed as sackers in the elevator of the Richardson Grain Co., at Kansas City, went on strike recently. The men who had been getting 15 cents per hour, objected to the change to a rate of \$2.40 per car. Their demand for \$3 per car was promptly acceded to.

M. B. Sherwood, Brashear, Mo., writes that the warehouse at Canton, Mo., known as J. C. Comley's warehouse and owned by Miss Harriett Comley, was burned recently, with 5,000 bushels of corn owned by C. D. Durrett and O. O. Clay and a quantity of hay and grain owned by Haney & O'Ferrell. Loss, \$5,000; insurance, on building, \$500, on contents, none.

NEBRASKA.

J. H. Swan has removed from Hebron to Dorchester, Neb.

J. E. Shaw has removed from Thurston to Bancroft, Neb., where he is agent for the Peavey Elevator Co.

The Omaha Elevator Co. has taken up hog shipping in connection with the grain business at St. Edwards, Neb.

E. A. Peterson contemplates putting in a grain elevator at Holbrook, Neb., with feed mill and gasoline engine.

Barneston, Neb., in one week of March received over 10,000 bushels of grain thru the elevator of the A. D. Spencer Grain Co.

Secretary Bewsher informs us that the annual meeting of the Nebraska Grain Dealers Association will be held at Lincoln, Tuesday, Apr. 16.

The Jones Grain Co. has been incorporated at Nebraska City, Neb., with \$25,000 capital stock, by E. C. Jones, A. B. Wilson and M. J. Beausang.

Fonda Bros., St. Edwards, Neb., have just taken out their old steam engine and boiler and replaced the outfit with a new 8-h. p. Webster Gasoline Engine.

Geo. W. Lowrey, grain dealer, with headquarters at Lincoln Neb., has re-

cently purchased R. M. Tidball's elevator at Riller, Neb., the Central Granaries Co.'s elevator at Tamora, Neb., J. V. Ainsworth's elevator at Angus, Neb., and W. T. Newcomb's elevator at Deweese, Neb.

Nelson & Ketels, Bee, Neb.: The grain business at this point is about finished for this season. Hardly any grain from last crop left in farmers' hands. Very little in crib at station.

P. F. Sandman, Harbine, Neb: I like the Grain Dealers Journal very much. It has helped me a great deal in the grain business, and I think that every grain dealer should subscribe.

C. P. Karr, St. Edwards, Neb., writes that D. H. Cramer is building an elevator for the Westbrook Grain Co., at Albion, Neb., to take the place of the one that collapsed a short time ago. Capacity, 15,000 bushels.

D. Smith, Elmwood, Neb., Apr. 6: Winter wheat looks fine in this section. Scarcely any spring wheat or oats has been sowed, on account of snowstorms, and it is too wet yet to do anything. Roads are almost impassable.

Secretary Bewsher of the Nebraska State Grain Dealers Association informs us that the annual meeting of the association will be held at the Lindell Hotel, Lincoln, Tuesday, Apr. 16, at 10 a. m. Besides the election of officers and business of a general nature matters of unusual importance will come up for consideration and it is hoped every member will endeavor to attend.

Affiliating with the National is a question that has been considered at all annual meetings of the state and local organizations thus far held throughout the country and will receive the attention of those yet to be held. Under the plan proposed, the National Association can be made of inestimable value to the trade in all matters of National importance. Many of these questions have been attempted by the State and Local Associations acting alone but with very little success, and even where successful, the process has been extremely slow. With an active National, supported morally and financially by the various state associations, terminal matters could be handled much more expediently and with less expense to all concerned. There is much opportunity for improvement remaining along this line, and it will require a National effort to work out the results. —A. H. Bewsher, Secretary Nebraska Grain Dealers Association.

NEW ENGLAND.

Paul D. Beach is retiring from the grain business at Branford, Conn.

A modern grain elevator will be erected at Nashua, N. H., by W. P. Clark and J. W. Hunt, of McQuesten & Co., grain dealers, who have bot ground and an adjoining freight depot, which will be remodeled for additional storage.

NEW JERSEY.

Taylor Bros' grain elevator at Camden, N. J., was slightly damaged by fire Mar. 22.

At Greenville, N. J., it is said the Pennsylvania Railroad will build a grain elevator.

The Eastern Milling & Export Co. has been incorporated at Trenton, N. J., to manufacture cereals. Capital stock, \$4,000,000; incorporators, Norman Grey, E. H. Chew and W. B. Walcott, all of Camden, N. J.

NEW YORK.

J. E. Sprague contemplates erecting a feed mill at Pearl Creek, N. Y.

Railroad control of the elevators at Buffalo, N. Y., is complete, with the New York Central at the head.

Most of the members of the New York Produce Exchange, who have been suspended for non-payment to the gratuity fund, have since paid up.

The Northwestern Elevator on the canal at Buffalo, N. Y., has been sold by the Meadows estate to E. Mandelcorne, who will remove the building.

The Breun Elevator property at Penn Yan, N. Y., has been purchased by Fred U. Swarts, who will use it in the manufacture of wine and champagne.

The Brown Elevator at Buffalo, N. Y., will be dismantled to save insurance and taxes. E. Mandelcorne has bot the building and will remove and sell the machinery and belting.

Charles R. Hickok, for many years in the grain commission business at New York, died recently. At one time he was a member of the firm of Hughes, Hickok & Co., but retired 14 years ago.

Representatives of the various elevators composing the Western Elevating Association, Buffalo, N. Y., held a meeting recently. A committee was appointed to consider details of the arrangement for next year.

NORTHWEST.

A. B. Coufts, buyer for Terwilliger & Dwight at Hudson, S. D., has been appointed postmaster.

J. A. Burgum has succeeded W. C. Briggs as agent for the Northwestern Elevator Co. at Arthur, N. D.

Fire at Lucca, N. D., Mar. 15, destroyed the elevator of Osborne, McMillan & Co., with 7,000 bushels of wheat.

The Farmers Elevator Co. has been incorporated at Putney, S. D. Capital stock, \$5,000; incorporators, Ole W. Evenson and others.

C. E. LaBar of Hudson, S. D., writes that the Spencer Grain Co., of Minneapolis, has bot the elevator at that place, of the Austin Grain Co.

A grain elevator of 25,000 bushels capacity will be built for the Farmers Elevator Co., of Ferney, S. D., by the Younglove & Boggess Co.

Walter Bail and F. B. Grimshaw, whose elevator at Clark, S. D., was burned recently, will probably put in a feed mill, and may rebuild the elevator later.

Friction in an elevator head started a fire in the elevator of the Northwestern Elevator Co., at Murray, N. D., on the afternoon of Mar. 21. The loss is total and fully insured.

Instances are on record where farmers having obtained grain for seed from the county have hauled it to mills and elevators to sell. Some years ago Ransom County, N. D., paid out \$12,000 for seed grain, and the farmers to whom the seed was loaned paid back only 25 per cent, the taxpayers having to make good \$9,500.

D. A. Saunders, of the Agricultural College of South Dakota, writes: We have received the pest found in the bins of Mr. Swift's elevator at Henry, S. D. It is one of the mites or parastic spiders; but the species is unknown to us, and we have not yet completed our investigations. We have advised Mr. Swift to

use carbon bisulphide in his bins, as the best and cheapest remedy.

While some elevator companies are disposed to furnish desirable flaxseed for seeding in the territory in which they operate elevators, others are not. The experience of the elevators in trusting farmers for seeding in the past, has been unsatisfactory and they have lost a good deal of money in that way. This applies to wheat as well as flaxseed. However, there are those who are disposed to persist in rendering this service by furnishing flaxseed from Argentina or other outside source and giving farmers the benefit of it. Some elevator men are not quite prepared to say that the Argentine seed will prove a success. Coming from that country immediately after being harvested, the question has been raised, will the imported seed have matured sufficiently to make it the best of seed for planting, and will it thrive under the changed climatic conditions? There is so much involved in this point that some experienced elevator managers deem it unwise to use Argentine seed for planting in the northwest. If they were to bring in any seed, they would prefer that from Idaho.—Northwestern Miller.

OHIO.

J. C. Spahr has removed from Clare to Clifton, O.

J. W. McMillen has completed a fine new elevator at Scott, O.

J. C. House is unknown to the regular grain dealers at Mt. Gilead, O.

Raabe Bros., Ft. Jennings, O., will build an elevator at Cloverdale, O.

T. R. Marshall, Kirkwood, O., is putting in a new boiler at his elevator.

The Troy Tile & Brick Co. has opened its new grain warehouse at Troy, O.

George Rakestraw, Shelby, O., has bot Roger Heath's elevator at Chicago, O.

W. M. Riley, Centerburg, O., does a scoop shovel business and has no facilities.

J. W. Rizer is a hay shipper at Centerburg, O., with no facilities for handling grain.

Harry Cruikshank has no storage for grain at Mt. Gilead, O. He is a shipper of hay.

A. Crawford, Columbus Grove, O., Apr. 3: Our growing wheat crop is looking fine.

Fountain Park, O., has two scoop shovel firms: Standish & Smith and W. M. Crawford.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

Henry L. Goemann of Chicago is said to be interested in a projected large grain elevator at Mansfield, O.

Ireton Bros. & Eckenbary, Tipton, O., writes they expect to enlarge their elevator to 50,000 bushels capacity.

H. M. Beck, of Mt. Blanchard, O., is not in the grain business. He buys wheat for his grist mill, but does not ship.

At Edison, O., Cruikshanks Bros., Edison Elevator Co., and Levering Elevator Co., all, are out of the business.

The Northwestern Elevator & Mill Co., Toledo, O., has brot suit against C. R. Mayers and others to quiet title to land on the river front.

George H. Harris, of the Harris Mill & Elevator Co., Kenton, O., died recently at Hot Springs, Ark., where he had gone in search of health.

John Brungard, Ridgeway, O., Mar. 23: Wheat in excellent condition. Large acreage corn and oats will be planted if season is favorable.

A. W. Linseder, grain dealer at Liverpool, O., now gets his mail more conveniently at Pliny, Medina Co., O., where a postoffice has just been established.

Mr. Cruikshank has bot the materials for the elevator which Jack Dicken was to build at Bowling Green, O., and will complete the building and engage in the grain business.

D. K. Gillespie, whose elevator at Kirkwood, O., was bot by T. B. Marshall, continues to buy grain at Lockington on the canal, but hauls the grain and places it in cars at Kirkwood.

I. A. Babcock & Son, of Marengo, O., are scoop shovelers. Babcock travels for a Cleveland concern in spring and summer, and his son teaches school in winter and spring. They have no storage.

H. W. Wolfley, Prospect, O., Apr. 3: Wheat in this section looks fairly well. No seeding of oats yet; weather cold and backward. Quite a lot of corn in farmers' hands and very little selling.

The East Side Iron Elevator Co., Toledo, O., will build storage tanks of 200,000 or 400,000 bushels capacity, place a new engine and electric motors. The present capacity of the plant is 600,000 bushels.

C. D. Perfect & Sons, Marysville, O., are millers and not grain dealers, having no facilities for unloading grain. In the height of the busy season they sometimes load a few cars of oats or wheat by shovel or sack.

The only regular dealer at Woodstock, O., is Wes Hardman. True Martin, who for some years operated the Pan Handle Elevator, now is doing a scoop shovel business in that vicinity, Fountain Park and Brush Lake.

H. W. Fitch, superintendent of Rosenbaum Bros. elevator at Sandusky, O., died suddenly Apr. 3, of heart failure. During the morning he was at the elevator apparently in good health, but in the afternoon went home feeling ill.

Samuel R. Backus, grain commission merchant at Toledo, O., died last week, aged 53 years. He was born at Maumee City, was educated in the Toledo schools, and entered the office of Young & Backus, in which firm he soon became a partner. He was one of the leading spirits on the Toledo Produce Exchange, where his integrity and happy disposition made him many friends.

The Ohio Department of Agriculture reports the condition of wheat Apr. 1 as 78 per cent; winter barley, 83; rye, 85; cribbed corn, 95. The figures are comparative condition of wheat are encouraging and indicate that the plant has improved considerably during the past month. As stated in last month's report, wheat was small and thin from late planting, when the winter set in, but favorable weather conditions have preserved it so that the roots are well set and the small plant has gathered vitality to press forward in rapid growth, as shown by the healthy advance made during the past month. The fly did considerable injury in some sections, last fall, but the late seeding seems to have had its good effect in preventing the pest from working general serious destruction, and at present there are only a few reports referring to fly. Mention of very poor wheat is

that on thin clay soil, and lands improperly drained, and there is some that shows the effects of freezing, but generally speaking for the state, wheat condition is fair to good and even excellent, being 78 per cent as compared with an average and an advance of seven points since Mar. 1, so prospects are promising unless the plant should yet be overtaken by fly, which might work the same speedy ruin that began a little later than this time last year. Winter barley shows about equally promising with wheat. The great bulk of this crop is of the spring seeding, and therefore the general prospect for a crop can only be known later on. The condition of corn in the crib is generally good. Husking was very late, except where machine work was done, very little, however, of the crop remained out, unhusked during the winter. No serious damage is reported to fodder except in some of the central counties where the shocks were broken and the fodder scattered by severe wind storms.

PACIFIC COAST.

E. P. Atchison has bot the interest of T. A. Terhune in the warehouse at Kendrick, Idaho.

Sacks are dearer on the Pacific Coast. Grain bags are quoted 7½ cents, and 10 cents is predicted.

Grain warehouses 200x66 feet are being built at Grass Valley and at Guthrie, Ore., by Balfour, Guthrie & Co.

Galbraith, Bacon & Co., grain dealers of Seattle, Wash., have bot dock property, 240 x 325 feet, and are remodeling the buildings.

A. M. Humphreys, warehouseman at Salem, Ore., is said to be financially embarrassed thru shipping out wheat for which farmers hold receipts.

A branch of the state grain inspection department has been established at Everett, Wash., in charge of Deputy Inspector James Cunningham, formerly at Seattle. The other points at which grain is inspected are Tacoma, Seattle and Spokane.

Chief Grain Inspector George P. Wright, has received unusually favorable crop reports from eastern Washington. The acreage of spring wheat will be increased in the big bend country, and a big acreage of barley is being sown in Columbia County.

A. G. McAdie, of the California Weather service, says in his report of Apr. 1: In spite of the unfavorable conditions during the past week, which has been an exceptional one during the present remarkably good season, crops have made a fair growth and are reported in good condition, with the exception of late sown wheat in the southern districts. In the south and nearly all other sections rain will be needed soon to assure the large crops which have been expected, and is looking strong and thrifty.

PENNSYLVANIA.

William H. Hoffman has bot the grain house of David N. Leiby at Tripoli Station, Pa., and will improve the shipping facilities.

Hancock & Co., grain exporters of Philadelphia, Pa., have engaged quarters in the Bourse building with a view to dealing in stocks and bonds.

M. F. Herron, for many years in the grain and hay business at Pittsburg, Pa., has been in poor health for some time,

and contemplates a trip to his native country, Ireland.

Peter Geiser, inventor of the Geiser Grain Separator, died recently, aged 75 years. Many of his machines have been sold since the manufacture was begun at Waynesboro, Pa., in 1867.

SOUTHEAST.

The annual sale of sample tables on the Baltimore Chamber of Commerce, Apr. 1, netted \$641, or somewhat less than the sum realized a year ago.

The Cherokee Rice Co. has been incorporated to grow rice in Colleton County, S. C. Capital stock, \$20,000; incorporators, J. B. O'Neill and others.

I. V. Runyan & Co.'s elevator at Henshaw, Ky., on the Illinois Central, was burned Mar. 27, with 15,000 bushels of wheat. The grain was insured. Loss, \$25,000.

The East Side Milling Co., of Toledo, O., has purchased the damaged wheat from the burned elevator of the Mountain City Milling Co., at Frederick, Md. About 30,000 bushels was sold at 20½ cents.

Andrew A. Kuhl of G. A. Hax & Co., Baltimore, Md., was a Chicago visitor this week. He left a matchless match safe bearing the firm name on one side and on the other a table of freight rates for oats, corn and wheat. The recipient of it will find it a very useful article, which will be a constant reminder of the firm.

Wm. F. Wheatley, secretary of the Baltimore Chamber of Commerce, reports the exports from Baltimore from Jan. 1 to Apr. 4 as 1,677,693 bushels of wheat, 15,507,169 bushels of corn, 1,006,779 bushels of oats, and 150,000 bushels of rye; compared with 1,001,388 bushels of wheat, 11,768,726 bushels of corn, 261,251 bushels of oats, and no rye, during the corresponding period of 1900.

William Hopps & Co., dealers in grain and hay at Baltimore, Md., have failed. James J. Corner has been appointed receiver pending bankruptcy proceedings. Liabilities, \$55,426; assets, \$37,955. Mr. Hopps' losses were incurred in the dried fruit trade and thru the American National Bank failure. Mr. Hopps writes that his failure has nothing to do with the grain business of the William Hopps Grain & Hay Co., which was recently incorporated.

SOUTHWEST.

A grain elevator is talked of for Granada, Colo.

F. W. Hipple will expend \$700 in improvements on his grain elevator at Wakita, Okla.

Readers will confer a favor by sending notices of new elevators, new firms and business changes.

The Iota Rice Milling Co. has been incorporated at Iota, La., with \$50,000 capital stock, by C. C. Duson and others.

The Oriental Mill & Elevator Co. has been incorporated at Enid, Okla. Capital stock, \$75,000; D. M. Carey, president; J. D. Allen, secretary, and H. H. Swank, treasurer.

Cy Williams, Norman, Okla., Apr. 6: Our wheat looks fine, but is needing rain. Some talk of bugs; but have seen none; in fact, think it more of a scare than otherwise. Oats and corn will make little progress until rain.

The Choctaw Mill & Elevator Co., of Oklahoma City, Okla., has increased its capital stock from \$20,000 to \$75,000, to

build elevators on the extension of the Choctaw, Oklahoma & Gulf Railroad. Contracts have already been let for nine of the new elevators.

R. McMillan, chief grain inspector of the New Orleans Board of Trade, reports the exports from New Orleans during March as 2,030,959 bushels of corn, 1,723,878 bushels of wheat and 250,000 bushels of oats; compared with 2,294,167 bushels of corn, 550,000 bushels of wheat and 73,933 bushels of oats, during March, 1900.

TEXAS.

Readers will confer a favor by reporting the condition of the growing crops.

Shirley & Henderson, Sanger, Tex., write that an elevator is being built at that place.

H. T. Weathers has purchased a half interest in the grain business of E. Schiff & Co., Greenville, Tex.

Companies are being organized at Krum & Sanger, Tex., to build an elevator and mill at each point.

The Sunset Wood Co.'s warehouse at San Antonio, Tex., was burned Mar. 25, with several carloads of hay. Insured.

The Wichita Mill & Elevator Co. has completed its new 70,000 bushel elevator and will soon start its new 700 barrel mill at Wichita Falls, Tex.

A. S. Lewis, formerly of Weatherford and later of Waco, is now on the road selling flour for the Collin County Mill & Elevator Co. of McKinney, Tex.

The Krum Mill & Elevator Co. has been incorporated at Krum, Tex. Capital stock, \$20,000; incorporators, C. A. Davis, W. J. Jones, C. Bonta and others.

D. C. Kolp, Jr., Iowa Park, Tex.: I look forward with much interest to each issue of your paper, and feel that I get value received for one year's subscription. Each time I read it. Wish you much success.

C. McD. Robinson, chief grain inspector of Galveston, reports the exports this season to Apr. 1 as 8,879,280 bushels wheat and no corn; against 7,322,689 bushels wheat and 7,295,218 bushels corn during the corresponding period of last season.

A number of North Texas dealers went to Galveston recently to investigate the grading and weighing grain. The party included Frank Kell of Wichita Falls, W. O. Anderson of Vernon, J. G. Jones of Wichita Falls, J. G. Gibbs of Clifton and E. R. Kolp of Henrietta. Mr. Bailey had the mumps.

Hugh B. Dorsey, Weatherford, Tex., writes: In my opinion the arbitration committee is one of the strongest features of the Texas Grain Dealers Association, and is worth a great deal to the members. The awards of our arbitration committee ought to be strictly adhered to by our members for their own protection.

E. R. Kolp of E. R. & D. C. Kolp, Jr., of Henrietta, Tex., was in Chicago last week collecting information regarding storage and cleaning elevators. They will build a 100,000 bushel, 3 leg elevator this season and put in a clipper, a separator. This firm now owns and operates the old McMillan elevator at Chillicothe. He reported wheat looking well, despite the grain louse. Rain needed.

"I have shipped grain to P. P. Williams Co., Vicksburg, Miss., for years, and our dealings have been very satisfactory. We have had but one shortage, and then we were so uncertain as to the

correctness of our own weights that we did not present claim for it. The trouble is that Vicksburg brokers sell Texas bot grain to irresponsible interior dealers who act as their own inspector and weighman to the loss of the shipper. When grain shipped to Mississippi dealers is inspected and weighed by disinterested parties, both shippers and buyers will be fairly treated."

WISCONSIN.

Joseph Gee, Pardeeville, Wis., has bot a 20-h. p. engine to run a feed mill which he proposes to establish this summer.

Wilkinson & Knapp, dealers in grain, feed and implements at Platteville, Wis., have nearly completed their new warehouse.

The Chilton Malting Co., Chilton, Wis., will build a malt house and elevator, and has let the contracts for the carpenter work and the masonry.

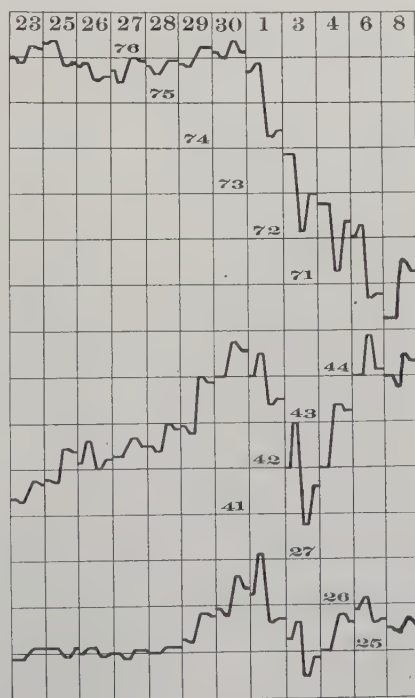
The Milwaukee Chamber of Commerce on Apr. 6, adopted the rule making Chicago warehouse receipts a regular delivery. Only two members voted nay.

The elevator and warehouse at Tomah and Wausau, Wis., have been purchased of the Jackson Milling Co., by the Grand Rapids Milling Co., recently formed with \$20,000 capital.

M. B. Helmer, Fond du Lac, Wis., has awarded the general contract for the rebuilding of his elevator and mill to S. H. Tromanhauser. The capacity is to be 60,000 bushels and the building is to be completed within 3 months.

PRICES AT CHICAGO.

The opening, high, low and closing quotations on wheat, corn and oats for the May delivery at Chicago for two weeks prior to April 9, are given on the chart herewith:



Corn oil exports during the eight months prior to Mar. 1 were 2,890,700 gallons, as reported by O. P. Austin, chief of the bureau of statistics; compared with 2,483,900 and 1,318,500 gallons during the corresponding periods of 1899-1900 and 1898-9.

GRAIN RECEIPTS.

For the week ending Apr. 6, the receipts of wheat, corn and oats at nine primary markets, and at the leading seaports, as compiled by the Trade Bulletin, were:

WESTERN POINTS.	Wheat, bu.	Corn, bu.	Oats, bu.
Chicago.....	712,216	1,268,014	1,856,669
Milwaukee....	209,250	68,400	64,800
Minneapolis..	1,111,100	44,820	159,220
Duluth.....	584,564	47,544	42,860
St. Louis.....	215,000	227,000	195,235
Toledo.....	152,844	139,262	37,580
Detroit.....	23,331	45,112	33,000
Kansas City..	284,800	61,500	.....
Peoria.....	9,600	268,000	245,200
Total.....	3,302,605	2,169,652	2,634,564
Last week....	4,147,146	2,501,676	2,704,742
Last year....	3,507,663	4,142,148	2,692,664
SEABOARD.			
New York....	284,150	347,157	1,049,800
Boston.....	363,228	266,137	240,807
Philadelphia.	101,745	485,804	74,336
Baltimore....	139,336	905,168	360,757
New Orleans..	370,000	98,000	.....
Galveston....	134,600	.....	.....
Total.....	1,393,059	2,102,266	1,725,700
Last week....	2,121,765	2,884,391	1,433,346
Last year....	1,156,418	2,914,446	1,645,338

GRAIN SHIPMENTS.

For the week ending Apr. 6, the shipments of wheat, corn and oats at nine primary markets, and at the leading seaports, as compiled by the Trade Bulletin, were:

WESTERN POINTS.	Wheat, bu.	Corn, bu.	Oats, bu.
Chicago.....	477,504	1,172,394	1,990,576
Milwaukee....	115,332	7,014	122,470
Minneapolis..	144,880	36,980	63,900
Duluth.....	8,579	1,496	.....
St. Louis.....	292,000	34,000	96,710
Toledo.....	23,700	376,000	110,700
Detroit.....	12,316	40,717	289
Kansas City..	372,500	111,750	.....
Peoria.....	2,800	13,000	175,500
Total.....	1,449,611	2,293,351	2,560,145
Last week....	1,890,209	1,997,554	2,497,329
Last year....	1,340,259	3,021,854	2,023,728
SEABOARD.			
New York....	694,825	371,731	110,673
Boston.....	292,757	224,488	69,766
Philadelphia.	185,643	420,949	93,901
Baltimore....	88,016	944,188	109,879
New Orleans..	367,769	577,722	.....
Galveston....	188,320	.....	.....
Newsp't News	.....	.....	.....
Total.....	1,817,330	2,539,078	384,219
Last week....	2,125,538	2,964,171	527,151
Last year....	1,314,695	4,595,759	597,099

If you wish to do the growers who market their corn in the ear a good turn, just call their attention to the fact that they can haul about 50 bushels of shelled corn each trip, or about 15 bushels more than when in the ear.

A. M. Thackara, American consul at Havre, France, has just made an exhaustive report to the state department on the proposed tariff on corn in France, detailing the conflicting position assumed by the distillers, starch makers, brewers, railways, millers, chambers of commerce, maltsters and agricultural societies.

Chicago Board has won its fight against the telegraph companies. It took eight months, some favorable court decisions and a new revenue law against bucket-shops to convince the telegraph companies that the Board was right. It has been a long and expensive fight for the trade, but the Board has established its right to control its quotations and incidentally will receive a little revenue, but this was a small consideration.—C. A. King & Co.

THE SUPPLY TRADE

A. F. Shuler, General Northwestern Agt. of the Huntley Mfg. Co., at Minneapolis, Minn., was a Chicago visitor last week.

The H. W. Caldwell & Son Co., of Chicago, has opened a branch office in Dallas, Tex., which is in charge of J. C. Van Arsdell.

The Chicago Water Motor & Fan Co., and the Backus Gas Engine Co., have removed their offices from 171 Lake St. to 216 Lake St.

The John S. Metcalf Co., elevator builders, Chicago, has moved its offices from 1075 W. 15th St. to 802-804 Woman's Temple.

H. Kurtz & Son, Sac City, Ia., write: We have as much as we can do in the manufacturing and supplying of our grain elevator machinery line.

The Omaha Machine Works, Omaha, Neb., recently sold its machinery, good will, etc., to the Clinton Separator & Engine Works, of Clinton, Ia.

The Prinz & Rau Mfg. Co., Milwaukee, Wis., are tearing down their old factory building and will build a new four story building on the present site.

Elgin Keith of the Invincible Grain Cleaner Co., Silver Creek, N. Y., was in Chicago last week and reported the shops of his company running full time with a gratifying number of orders ahead.

The Invincible Grain Cleaner Co., Silver Creek, N. Y., write: We have been favored with the order for the line of large cleaners and clippers for the West-eneo elevator being erected at New Orleans, La., by the T. P. Ry. Co.

A. C. Barbeau, secretary of the S. Howes Co., Silver Creek, N. Y., was a Chicago visitor recently. He reports that the Eureka Works are turning out a large number of orders and that many new contracts have been taken.

The Robt. Atchison Perforated Metal Company of Chicago has during the present week closed a contract which will require about sixty tons of sheet steel. From the present outlook 1901 will be the banner year with this company. With increased facilities, however, it can handle all that come.

S. K. Humphrey, Boston, Mass., manufacturer of the Humphrey Employes Elevator, has recently made shipments of his elevators to the Atlanta Mill Co., Atlanta, Ga., Sperry Flour Co., Stockton, Cal., Lake-of-the-Woods Milling Co., Keewatin, Ont., and the Everett Flour Mill Co., Everett, Wash.

A new firm for the manufacture of elevator supplies will soon enter the field under the name of Adamson, Stephens & Co., and will locate at Aurora, Ill. For several years Mr. Adamson has been associated with the John S. Metcalf Co., while Mr. Stephens was vice-president of the Webster Mfg. Co. A new factory is being built for this firm.

One of the latest candidates for the trade of elevator men, who are in the market for power is The McMullin Motive Power & Construction Co., of Chicago, manufacturers of the McMullin Hydro-Carbon Gasoline Engine. This engine is a decided departure from the majority of the engines now on the market. In fact it has two cylinders so placed as to balance the work and prevent vibration. Each cylinder is provided with two exhausts and mufflers, so that the sound is reduced to

a minimum, and horses will not be scared by it. No partially consumed gas is exhausted; hence no disagreeable odor results and the engine can be placed in the office or any part of the building without inconvenience, and with safety.

F. L. Cranson, secretary of the Huntley Manufacturing Co., Silver Creek, N. Y., was in Chicago last week and informed us "we intend to push during the present year as we have never pushed before, our entire line of machines. Our entire plant is busy—employing the maximum force, and working extra hours. We built a large addition to our machine shops last fall. We thought—now, we'll have plenty of room; but we are again getting so we feel as if our clothes didn't fit us. This spring we are going to enlarge again, and put in additional force and machines to take care of some special types of machines that we have perfected. We feel that a word should be given the trade press for the good work it has done for us. We have always been advertisers. We have always believed in printer's ink and plenty of it. This policy has helped place the Monitor machines where they are to-day—and the help has been cheap help, too, from the standpoint of the trade it brought. We find no difficulty in getting a good price for our product, but we could get many more orders at once than we do, if we would cut prices to the quick, and then skimp something to make up."

Consul Harris at Mannheim says: The average German is certainly prejudiced against corn as an article of food, except for cattle and swine, but that this prejudice can be overcome there is little doubt. He has no hesitancy in using cornstarch, nor does he object to beet sugar, although beets form an important article of food for cows; and if he can be shown that corn, properly ground and prepared, makes a palatable, wholesome, and cheap article of food his opinion will, in my judgment, disappear.

NOTICE!

We, the undersigned, hereby notify the public that we own and control all the rights for the Process of Bleaching and Purifying Grain under U. S. Letters Patent, Number 592691, issued October 26th, 1897, to E. F. Cazalet, who, for value received, assigned to us all his right, title and interest in said patent on October 30th, 1899.

Notice is also given that any person or persons using such process without obtaining the right to do so from us will be prosecuted according to law; and any person advising us of such violations will be suitably rewarded. We also advise the public that we have no agents, and that all business must be done direct with this office.

MCCRAY, MORRISON & COMPANY,
KENTLAND, INDIANA.

Only five states, Illinois, Iowa, Missouri, Kansas and New York, prohibit bucket shops by law.

Corn juice has been advanced in price by the Kentucky Distilleries & Warehouse Co. The various brands are raised 2½ to 35 cents per gallon.

Buckwheat amounting to 69,000 bushels was exported during the eight months prior to Mar. 1, as reported by O. P. Austin, chief of the bureau of statistics; compared with 178,500 and 1,166,200 bushels during the corresponding periods of 1899-1900 and 1898-9.

ALL ABOARD

FOR

DES MOINES, IOWA

TO ATTEND ANNUAL MEETING OF THE

IOWA GRAIN DEALERS ASSOCIATION

APRIL 24, 1901.

Train No. 5 Leaves Chicago, 10:00 p. m. Arrives Des Moines, 8:30 a. m.
Train No. 6 Leaves Des Moines, 9:35 p. m. Arrives Chicago, 7:59 a. m.

Join the Chicago Crowd and go to Des Moines via the



City Ticket Office, Marquette Building, 91 Adams St.
Depot, Van Buren Street and Pacific Avenue.

DIRECTORY OF REGULAR GRAIN RECEIVERS AND DEALERS.

Dealers and Receivers who confine their business to regular grain shippers merit the patronage of such shippers.

BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.

BUFFALO.

W. B. Gallagher, damaged grain.
Dudley M. Irwin, barley,
Watkins & Anderson, grain and feed.
S. W. Yantis, grain and feed.

CAIRO, ILL.

H. L. Halliday Milling Co., grain.

CHICAGO.

Armour & Co., grain buyers.
Bartlett, Frazier & Co., grain.
Calumet Grain & Elevator Co., commission merchants.

Dreiske & Hanners, commission.

L. Everingham & Co., grain, seeds.

The Glucose Sugar Refining Co., buyers of corn.

H. Hemmelgarn & Co., commission.

W. F. Johnson & Co., grain, seeds.

L. H. Manson & Co., grain comsn.

W. H. Merritt & Co., grain, seeds.

Milmine, Bodman & Co., grain comsn.

W. R. Mumford Co., commission.

Geo. H. Phillips Co., Grain comsn.

Alex Rodgers, seed merchant.

Rosenbaum Bros., receivers, shippers.

James P. Smith & Co., grain.

E. W. Wagner, receiver and shipper.

Ware & Leland, grain, seeds.

Van Ness & Wilson, grain receivers.

CINCINNATI.

Collins & Co., exclusively commission, grain and hay.

Gale Bros., corn, wheat and oats.

Union Grain & Hay Co., grain, hay.

CLEVELAND.

Strauss & Joseph, grain, seeds, hay.

DETROIT.

C. A. Burks & Co., grain, mill feed.

EVANSVILLE.

W. H. Small & Co., grain, seeds.

GREENVILLE, OHIO.

E. A. Grubbs Grain Co., track buyers.

INDIANAPOLIS.

Bassett & Co., commission.

KANSAS CITY.

International Grain Co., Comisn.

LOUISVILLE, KY.

A. Brandeis & Son, recvs & shippers.

Strater Bros., receivers and shippers.

MEMPHIS.

John Wade & Sons, grain dealers.

MILWAUKEE.

L. Bartlett & Son, commission.

MINNEAPOLIS.

Van Dusen-Harrington Co., comisn.

NEWARK, N. J.

J. C. Smith & Wallace Co., grain, hay.

NEW YORK.

Geo. N. Reinhardt & Co., hay, grain.

PEORIA, ILL.

P. B. & C. C. Miles, grain commission.

PHILADELPHIA.

E. L. Rogers & Co., grain, hay.

A. Judson Stites, grain and feed.

PITTSBURG.

Daniel McCaffrey's Sons, grain, hay.

R. S. McCague, grain, hay.

PORTLAND, ME.

Edward P. Merrill, grain broker.

ST. LOUIS, MO.

Daniel P. Byrne & Co., grain, hay, seeds.

Connor Bros. & Co., grain comsn.

TOLEDO.

Churchill & Co., grain and clover seed.
Also offices at Chicago and Buffalo.

East Side Milling Co., salvage, grain.

C. A. King & Co., grain, clover seed.

National Milling Co., buyers of wheat.

Reynolds Bros., grain.

W. A. Rundell & Co., grain, seeds.

Southworth & Co., grain, seeds.

J. F. Zahm & Co., grain, seeds.

Reliable Insurance...

on Modern elevators and Contents can be secured at about one-half the rates charged by stock companies by addressing

MILLER'S NATIONAL INS. CO.

205 La Salle St., CHICAGO, ILL

CHARTERED, 1865

ASSETS, \$2,721,893

NET CASH SURPLUS, \$469,382.27

W. L. Barnum, Secy

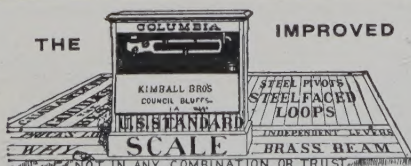
The Grain Shippers' Mutual Fire Insurance Association

Made a Growth of 122%

for the year 1900, and we are still saving our policy holders nearly 50 per cent of the cost of their insurance in "Board Companies."

Address, if interested,

F. D. BABCOCK, Secretary,
IDA GROVE, IOWA.



Kimball Bros., 1007 Ninth St., Council Bluffs, Ia.



THE HUMPHREY EMPLOYEES ELEVATOR

For 12 years the standard man elevator for mills and grain elevators.

You can go up to that cleaning machinery 20 times a day and not fee it. Think it over, then write to

S. K. Humphrey

53 State St., Boston.

FLOATER GRAIN INSURANCE

Special attention to Open Floater Policies in the best Stock Companies.

Insurance follows grain up and down as the quantity stored in each house changes. Will ALWAYS have insurance where you have grain.

Simple, Sure, Economical. Investigate and you will find it absolute protection and cheap.

Business handled anywhere. Write us.
H. H. LANTZ & CO., DES MOINES, Iowa.
25 years' experience. Best of references.

Insure GRAIN AND ELEVATORS

In the Michigan Millers Mutual Fire Insurance Co., of Lansing, Mich.
20 YEARS Successful Business.

NET CASH SURPLUS, \$232,723.72.

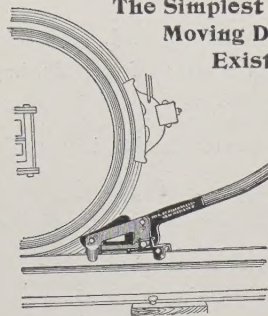
50% Dividends Paid 1899 1901

SEAMLESS COTTON GRAIN BAGS. MILWAUKEE BAG CO. MILWAUKEE, WIS.

The Hageman Car Mover.

PATENTED MAY 8, 1900.

The Simplest and Best Car Moving Device in Existence.



Will move the heaviest loaded car four inches with one downward movement of the lever. It does not lift the wheel but turns it. A concave block engages the outward part of the wheel and a hooked lever works under it. This hooked lever is the secret of its easy working. A "V" shaped bit works on the rail in such way, that the heavier the car is loaded the tighter it holds, making it impossible to slip. The Hageman Car Mover has taken the place of every other device wherever introduced.

Made of best material. Parts Interchangeable.

Manufactured by

HAGEMAN & SON,

New Madison,

Ohio.



ALL EMPLOYEES

In the operating department of the "Alton Road" are required to pass mental and physical examinations calculated to secure absolute safety to passengers and freight. Fidelity, promptness, and accuracy are rewarded by the merit system, the result being that one of the safest railways in the world is

"THE ONLY WAY"



GEO. J. CHARLTON, GEN'L PASSENGER AGENT,
CHICAGO, ILLINOIS.

Shipping and Record Book

FOR

SHIPPERS and RECEIVERS.

The pages of this book are specially ruled so as to provide columns for 27 different facts, as follows: date, shipped from, where shipped, car number, initial, grade, bales, pounds, number bushels, price, amount, less freight, draft-commission, exchange, dead freight, amount over, drawn, short, amount, over run, amount, due shipper, amount charged railroad company excess freight-profit, loss, folio, remarks. The columns are arranged on the facing pages in order named, so that any information regarding shipment can be quickly found. No journal is needed; all accounts can be posted direct to the ledger, therefore the Shipping Record saves time and prevents errors.

The book is 11 x 17 inches, well bound in half Russia, with cloth sides, has 200 pages.

Price \$3.00, express prepaid.

For Sale by

GRAIN DEALERS COMPANY,

10 Pacific Ave., CHICAGO, ILL.

C. H. Tryon & Son, Strawn, Ill.: You may stop our advertisement of scale. We have had eight inquiries from six states and think we can make a sale.

THE ROCK ISLAND WALL MAP OF THE UNITED STATES

Is the best offered to the public. It is very large and specially adapted to school purposes. Every teacher of geography and every business office should have one. It will be sent post paid to any address on receipt of fifteen cents in postage stamps or coin.

Address, John Sebastian, G. P. A., Chicago, Ill.

OATS CLIPPED, CLEANED AND MIXED AT THE

Nickel Plate Elevator,

Operated by HARRY G. CHASE, 10 Pacific Ave.
...CHICAGO...

VERY CHEAP RATES TO CALIFORNIA.

Every Tuesday until and including April 30, the Burlington Route will sell one-way excursion tickets to California at the lowest rates offered for years. Only \$30.00 from Chicago and \$27.50 from St. Louis.

The most attractive and interesting way to go is via Denver and Salt Lake City, through Colorado by daylight and past all the magnificent mountain scenery by daylight. We run Pullman Tourist Sleeping Cars through to the Coast that way. They are very comfortable and inexpensive. A sleeping berth holding two, only \$6.00. Please write for particulars and send six cents for our beautifully illustrated book on California. Address P. S. Eustis, General Passenger Agent C. B. & Q. R. R., 209 Adams Street, Chicago.

LOCATIONS FOR INDUSTRIES.

The name of the Chicago, Milwaukee & St. Paul Railway has long been identified with practical measures for the general upbuilding of its territory and the promotion of its commerce, hence manufacturers have an assurance that they will find themselves at home on the company's lines.

The Chicago, Milwaukee & St. Paul Railway Company's 6,300 miles of railway, exclusive of second track, connecting track or sidings, traverses eight States, namely:

NORTH DAKOTA.	MINNESOTA.	NORTHERN MICHIGAN.
SOUTH DAKOTA.	IOWA.	WISCONSIN.
Express Passenger Trains Fast Freight Trains Throughout	MISSOURI.	ILLINOIS.

which comprise a great Agricultural, Manufacturing and Mining territory.

The Chicago, Milwaukee & St. Paul Railway Company gives unremitting attention to the development of local traffic on its lines and, with this in view, seeks to increase the number of manufacturing plants on its system either through their creation by local enterprise or the influx of manufacturers from the East. It has all its territory districted in relation to resources, adaptability and advantages for manufacturing. Specific information furnished manufacturers in regard to suitable locations. Address,

LUIS JACKSON,

Industrial Commissioner C., M. & St. P. R'y,

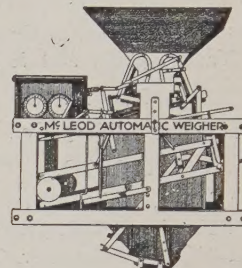
660 Old Colony Bldg., Chicago, Ill.

Correct Weights

in Country Detect

Shortages

at Terminals.



Our automatic grain weigher weighs accurately all the time.

Can we interest you in this money saver?

McLEOD BROTHERS,

PATENTEES AND MANUFACTURERS

MARIETTA, KANSAS.

Write for Catalog and Prices.

Clarks Grain Tables

AVOID UNNECESSARY FIGURING,
PREVENT ERRORS IN COMPUTATIONS
BY USING

CLARK'S STANDARD SERIES
OF GRAIN CALCULATORS,
FOR REDUCING POUNDS TO BUSHELS.

Clark's Grain Tables for Wagon Loads reduces team scale weights to bushels. This book is prepared for use by Country Buyers. It contains 9 tables, showing the number of bushels in any load from 100 to 4,000 lbs. The first table is for reducing weight of oats to bushels of 32 lbs.; the second is for oats at 35 lbs.; the third is for barley, Hungarian grass and cornmeal at 58 lbs. to the bushel; the fourth is for shelled corn, rye and flax seed at 56 lbs. to the bushel; the fifth is for wheat, clover seed, beans, peas and potatoes at 60 lbs. to the bushel; the sixth, seventh and eighth are for ear corn at 70, 75 and 80 lbs., respectively, to the bushel; the ninth is for timothy seed at 45 lbs. to the bushel. All of the tables are printed in heavy faced type on good paper. The price of this book, bound in strong manilla cover paper, is 50 cents.

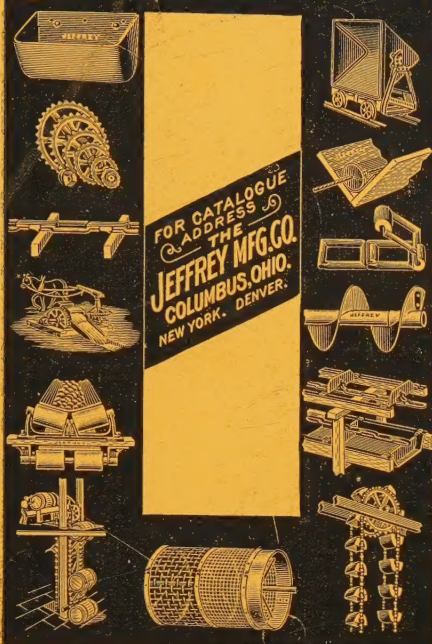
Clark's Vest Pocket Grain Tables include tables reducing any number of pounds from 60 to 100,000 to bushels of 56 lbs., 60 lbs., 48 lbs., 70 lbs., 75 lbs., 80 lbs. and 45 lbs. They are bound in tough paper and form a thin book 2 3/4 inches wide by 8 1/4 inches long. Price 50 cents.

Clark's Grain Tables for Car Loads reduces any amount from 20,000 to 64,000 lbs. to bushels, and is designed for use by Shippers and Commission Merchants. It is printed on good paper from heavy faced type and bound in cloth. It contains 16 tables, which show the equivalent in bushels of 32, 56, 60 and 48 lbs., of any amount from 20,000 to 75,000 lbs. Price \$1.50.

Bushel Values is a companion table for wagon loads. It shows the cost of bushels and lbs., when the market price is any amount from 15 cents to \$1.04 per bushel. It is conveniently arranged and easily understood. It is printed on good paper and bound in heavy cover paper. Price 50 cents.

Any of the above tables can be obtained from the
GRAIN DEALERS COMPANY,
10 PACIFIC AVE. CHICAGO, ILL.

JEFFREY ELEVATORS CONVEYORS



FOR CATALOGUE
ADDRESS
THE
JEFFREY MFG. CO.
COLUMBUS, OHIO.
NEW YORK. DENVER.

Clark's Record OF CARS SHIPPED.

Is adapted for the use of country grain shippers, to keep a record of all cars of grain shipped. This book is 9½ x 12 inches and has space for 2500 cars. The leaves are made of ledger paper, ruled for date sold, date shipped, car number, initials, to whom sold, destination, grain, grade sold, their inspection, discount, amount freight, our weight, bushels, destination bushels, over, short, price, amount freight, other charges and remarks. It is well bound in strong board covers, with leather tack and corners. **Price \$1.50.**

GRAIN DEALERS COMPANY
10 Pacific Ave., Chicago, Ill.

Clark's Record for Wagon Loads Received

Is for the use of country grain dealers. It is 9½ x 12 inches, contains 160 pages and has room for records of 3000 loads. It is ruled for date, name, kind, gross and tare, net pounds, bushels, pounds, cents, dollars, cents and remarks. This book is printed on strong white ledger paper and bound in board covers, with leather back and corners.

Price \$1.50.

For Sale by

GRAIN DEALERS COMPANY,
10 Pacific Avenue, Chicago, Ill.

Walters Bros., Chicago Board of Trade: We have disposed of our elevator at Flag Center, and wish to have you discontinue our advertisement. Many thanks to the JOURNAL for having accomplished prompt sale.

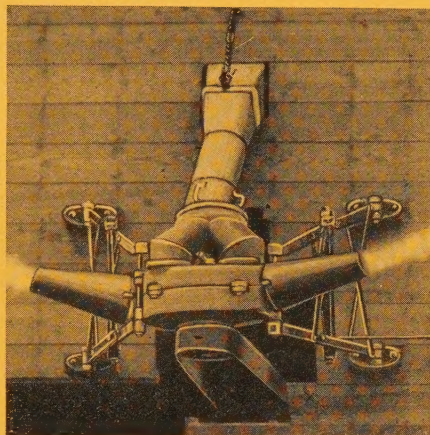
LOADING SPOUTS

That load grain right. They give a spiral motion to the grain so that it leaves the spout with enough force to take it to the end of the car. Grain passing through a spout with a spiral motion is delivered in better condition, not being scoured or worn as much as when loaded from ordinary spouts. Write for Catalog



Abendroth & Root Mfg. Co.
Monadnock Block, CHICAGO.
99 John Street, NEW YORK.

Ideal Car Loader



Fills both ends of car
at once.

Easy to operate.

Will load 3,000 bush-
els per hour.

Write for full partic-
ulars.

C. W. DOOLEY & CO., Bloomington, Ill.

Books for Grain Dealers...

All kinds of Account Books, Grain Tables, Cipher Codes, on sale at **Grain Dealers Journal**, 10 Pacific Ave., Chicago, Ill.

**CATALOG
FREE**

Machines, Supplies and Businesses

Cannot be placed before the grain dealers and elevator men of the country without advertising. Personal solicitation is so expensive as to preclude its extensive use. Circulars are so cheap they fall in the waste basket unopened.

The only effective method within reasonable cost is to place an advertisement in the **Grain Dealers Journal**. Every copy goes to a live grain man and keeps its advertisements before him night and day. Try it.



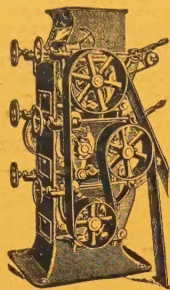
Every Mill Man

Should Keep Posted by Reading

Power and Transmission

A unique publication in trade literature exclusively devoted to
MODERN POWER TRANSMISSION ENGINEERING
copiously illustrated with typical installations. Other articles of interest to the up to date factory are also contained in each issue. Sample copy free by applying to
THE DODGE MANUFACTURING CO., ENGINEERS FOUNDERS MACHINISTS MISHAWAKA, IND. U.S.A.
BRANCHES - BOSTON NEW YORK CHICAGO CINCINNATI ATLANTA LONDON, ENG.

CORN AND FEED MILLS



4 Roll and 6 Roll
Gear or Belt Drive
for Slow Roll

IT
PAYS

to have one
in connection with
an elevator,
and to have the
BEST one.

Ours has no equal in STRENGTH, DURABILITY, EFFICIENCY, CONVENIENCE, CAPACITY, and QUALITY OF WORK. SEVERAL SIZES. PRICES VERY REASONABLE

The Edward P. Allis Co.
Milwaukee, Wis.

What's the Use

Of trying to get along without

DAY'S DUST COLLECTING SYSTEM

When it will handle your dust and refuse automatically, and give you a CLEAN Elevator.

It will give you the best safeguard against FIRE.

It will save labor. It will save insurance. It will save time and money. It will pay for itself many times over. Any valid reason why you should not have it?

POSTAL FOR THE NEW BOOKLET, "DUST COLLECTING AND FUEL FEEDING."

H. L. DAY



That's DAY'S
Dust Collector.
There is no other like it

1122-26 YALE PLACE
MINNEAPOLIS, MINN.

Weller Manufacturing Company

MANUFACTURERS OF

Complete Grain
Elevator Equipments
and General
Supplies of Every
Description.

Prospective purchasers of Machinery and Supplies will do themselves a sad injustice if they fail to correspond with us before deciding where to place their orders.

NEW 400-PAGE GENERAL CATALOG FURNISHED
ON APPLICATION.

118-120-122-124-126 NORTH AVE.
CHICAGO

WE CAN FURNISH OUR
AJAX TRANSMISSION ROPE
IN ALL LENGTHS and SIZES DESIRED.



H. SHANNON
COMPANY

24-26 MARKET ST.
CHICAGO.

DO YOU

REDUCE POUNDS TO BUSHELS

In order to determine the value of any weight of grain at a given price per bushel?

It is not necessary. By Using CLARK'S DECIMAL GRAIN VALUES you can avoid all reductions, and multiplications, save time and prevent errors.

Send for specimen page to

GRAIN DEALERS COMPANY,

10 Pacific Avenue,

Chicago, Ill.

Books for Grain Dealers....

All kinds of Account Books, Grain Tables, Cipher Codes and other books of value to regular grain dealers. Send for catalog to

GRAIN DEALERS COMPANY,

10 Pacific Avenue.

CHICAGO, ILL.